



The Riley Group, Inc.

Geotechnical Engineering • Environmental • Wetland Services

12.3.10.4
3-14-02

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**SILVER BAY LOGGING PROPERTY
NEC & SEC SOUTH KENYON STREET & 8TH AVENUE SOUTH
SEATTLE, WASHINGTON 98108**

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**Environmental
Cleanup Office**

March 14, 2002

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1. Executive Summary

The Riley Group, Inc. (Riley) has performed this Phase I ESA for the property encompassing 7760, 7808, and 7814 8th Avenue South, 816 and 836 South Kenyon Street, and the southeast corner of 8th Avenue South and South Kenyon Street, in Seattle, Washington 98108 (hereafter referred to as the Site). This Phase I ESA was performed in conformance with the scope and limitations of ASTM Practice E-1527-00.

Authorization to proceed with this Phase I ESA was granted by Silver Bay Logging (SBL) of Alaska, on November 28, 2001. Riley understands that Silver Bay Logging currently has no immediate plans to sell the property or change the Site use. The purpose of the Phase I ESA is to identify recognized environmental conditions (RECs) and business environmental risks (BERs) associated with the Site and/or it's setting as defined by ASTM.

An executive summary including findings and conclusions is given below. The executive summary is not meant to be relied upon separately from the complete report.

SITE DESCRIPTION

The Site is located along the Duwamish Waterway across from Slip Number 4 and approximately ¼ mile east of Highway 99 in the South Park District of Seattle. The physical street addresses of the buildings at the Site are 7760, 7808, and 7814 8th Avenue South, 816 and 836 South Kenyon Street, and a storage yard on the southeast corner of 8th Avenue South and South Kenyon Street, Seattle, King County, Washington 98108.

The Site is made up of several rectangular and irregular shaped parcels straddling South Kenyon Street. The Site consists of a mix of commercial and industrial properties.

From at least 1908 until the 1980's, the Site primarily contained residences. The Site was not originally located along the Duwamish Waterway. When the river was straightened between 1910 and 1920, the new shoreline became part of the existing Site. Commercial businesses began occupying the Site by the mid-1970s. The last residence was removed from the Site (on the northernmost yard) in approximately 1994.

Silver Bay Logging currently utilizes three of the northern Site parcels as a lumber staging yard and repair dock for SBL-owned tug boats and barges. Lumber is off-loaded from barges and reloaded onto trucks. Other current Site uses include:

7808 8 th Avenue South:	Vacant warehouse used sparingly by SBL for storage;
7814 8 th Avenue South:	North Wind Marine offices;
816 South Kenyon Street:	North Wind Marine aluminum boat manufacturing shop and SBL warehouse;
836 South Kenyon Street:	Rasmussen Wire, Rope and Rigging Company, Inc. synthetic harness manufacturing; and
SEC 8 th Avenue South and South Kenyon Street:	Fenced storage yard.

1.1.1 FINDINGS & CONCLUSIONS

Riley identified the following (known or potential) RECs, BERs for the Site:

- Several pole-mounted transformers located at the Site are assumed to contain PCBs. One of the PCB-containing units (Y3916) was noted to have a stained or deteriorated casing. No staining was noted on the ground in the vicinity of the power pole. The remaining units all appear to be in good condition. Due to the lack of staining on the pavement, this is not considered a REC or BER.
- The Lower Duwamish Waterway has been listed on the National Priorities List (NPL) database by the EPA due to contamination from decades of industrial activity conducted along the waterway. Many of the Site's nearby properties are listed on environmental databases; and therefore, may potentially contribute pollutants to soil, sediment, and groundwater in the area. As discussed and agreed with the Client, Riley considers all upgradient properties, located within one mile of the Site that are listed in the environmental database report (EDR), to have a potential to adversely affect the Site soil, sediments and/or groundwater quality. They are therefore considered to be a potential REC and/or a BER for the Site.
- A review of the EPA SI report for the Lower Duwamish Waterway shows that three sediment samples were collected along the Site shoreline (sample numbers DR194, DR223 and DR195). Sample DR194 contained a hexachlorobenzene concentration of 654 µg/kg in the surface sediments. Currently the Washington State sediment quality standard (SQS) for hexachlorobenzene is 380 µg/kg. In addition, it is uncertain whether or not the hexachlorobenzene and 1,2,4 trichlorobenzene concentrations in sample DR195 are of regulatory concern due to the fact that the detection limits for these compounds exceed the applicable SQSs. The elevated hexachlorobenzene level in one Site sediment sample and the uncertain quantities in another are considered a REC and a BER.
- Archived records indicate that one or more abandoned heating oil underground storage tanks (USTs) may exist on the Site. The possible existence of heating oil USTs throughout the Site, including as many as two beneath the south storage yard, is considered a potential REC and/or BER.
- One 5,000-gallon gasoline and one 10,000-gallon diesel UST may be present on the Site due to the following: (1) City records, dated 1974, indicate that these two USTs were installed in the vicinity of the shop at 816 South Kenyon Street and the warehouse at 7814 8th Avenue South, and (2) Riley was unable to locate documentation which would specifically indicate that the USTs have been removed. Since the status of the USTs is unknown, Riley believes the suspect USTs pose a risk to soil, sediment, and groundwater quality at the Site and is therefore considered a REC.
- The Site has been utilized for boat building operations for approximately 22 years. The use of lead-based paints and other potential wood treatment preservatives/solvents has been confirmed in conjunction with these activities, at least during the 1980s. Given the scope of this Phase I ESA, it is difficult to assess what impact, if any, these operations have had on soil, groundwater, and sediment quality at the Site. Therefore, the potential exists that these operations may have adversely impacted soil, sediment, and/or groundwater quality at the Site.

- A gas station/service station was located on the northern corner of the Site from at least 1929 to as late as 1937. No information was found indicating the status of any fuel or waste oil USTs that were presumably associated with this operation. In addition, the building also contained a large battery (presumably lead-acid) storage area. Given the early time period, the resilience of lead in soil and sediments, and the lack of information regarding the USTs, this is considered a REC and/or BER for the Site.

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2. Introduction

The Riley Group, Inc. (Riley) conducted a Phase I Environmental Site Assessment (ESA) at the Silver Bay Logging property encompassing 7760, 7808, and 7814 8th Avenue South, 816 and 836 South Kenyon Street, and the southeast corner of 8th Avenue South and South Kenyon Street, in Seattle, Washington 98108 (hereafter referred to as the Site). The Phase I ESA was performed on behalf of Silver Bay Logging (SBL), who authorized Riley to perform an ESA at the Site on November 28, 2001. It is Riley's understanding that this report will be used to assist Silver Bay Logging in evaluating the environmental condition of the property.

2.1 PURPOSE

The purpose of the Phase I ESA was to identify *recognized environmental conditions* (RECs) and *business environmental risks* (BERs) as defined by the American Society for Testing and Materials (ASTM), Standard Practice E 1527-00.

The term "*recognized environmental conditions*" means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with current environmental regulations. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The term "*business environmental risks*" are risks that can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice.

Definitions used herein, as defined by ASTM, are given in Appendix C for reference. Riley's scope of work was conducted in accordance with the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM), Standard Practice E-1527-00.

2.2 SCOPE OF WORK

Riley's scope of work for this Phase I ESA included a:

- Walk-through Site reconnaissance and Site investigation for suspect hazardous materials;
- Drive-by Site inspection of surrounding nearby properties;
- Review of state and federal databases of contaminated facilities or facilities that use hazardous materials within a 1-mile radius;
- Review of historic uses of the Site and adjoining/nearby properties;
- Series of interviews with knowledgeable persons regarding Site, nearby properties and/or vicinity; and
- Preparation of a final report presenting Riley's findings.

2.3 SIGNIFICANT ASSUMPTIONS

In evaluating the property, Riley has relied upon representations and information furnished by individuals and agencies noted in the report. Riley assumes that the information provided by these third party sources is accurate, and has no reason to believe otherwise.

2.4 LIMITATIONS AND EXCEPTIONS

This Phase I ESA report is based upon information obtained by Riley personnel and upon the condition of the Site and surrounding property on the dates of such visits, supplemented by readily available information and data obtained by Riley and described herein.

Riley accepts no responsibility for any deficiency, misstatements or inaccuracies contained in this report as a result of misstatements, omissions, misrepresentations or fraudulent acts of persons interviewed. In addition, potentially important interviewees are often not available or cannot be located within a reasonable project time frame. In these instances, Riley accepts no responsibility for any environmental liability that later results from information not readily available during the assessment.

This report is the property and for the exclusive use of Riley, Silver Bay Logging, and their authorized representatives or affiliates. This report was prepared in a manner consistent with the level of skill and care ordinarily exercised by members of the profession currently practicing in the same locality and time, and under similar conditions. This report is intended for specific application to the property encompassing: 7760, 7808, and 7814 8th Avenue South, 816 and 836 South Kenyon Street, and the southeast corner of 8th Avenue South and South Kenyon Street, in Seattle, Washington.

2.5 SPECIAL TERMS AND CONDITIONS

In addition to providing environmental services under the scope of ASTM for performing Phase I ESAs, Riley performed the following non-scope consideration:

- Radon gas.

2.6 RELIANCE

No reports or other information regarding the Site or its setting were provided to Riley other than those resources mentioned herein.

3. Site Description

3.1 PHYSICAL SETTING SOURCE(S), LOCATION AND LEGAL DESCRIPTION

The Site is located on the United States Geological Survey (USGS) Seattle South, Washington 7.5 Minute Topographic Map (Figure 1, Appendix A). The Site is located along the Duwamish Waterway across from Slip Number 4 and approximately ¼ mile east of Highway 99 in the South Park District of Seattle. The physical street addresses of the buildings at the property are 7760, 7808, and 7814 8th Avenue South, 816 and 836 South Kenyon Street, and a storage yard on the southeast corner of 8th Avenue South and South Kenyon Street, Seattle, King County, Washington 98108. The Site is situated at an elevation of approximately 16 feet above mean sea level and covers approximately 148,879 square feet (3.4 acres).

The Site's Public Land Survey Coordinates are the southeast $\frac{1}{4}$ of Section 29, Township 24 North, Range 4 East, Willamette Meridian. The Site is divided into six tax parcels identified as 7327903645, 7327902520, 7327902480, 7327902490, 7327902500 and 7327906860.

3.2 SITE AND VICINITY CHARACTERISTICS

The Site is made up of several rectangular and irregular shaped parcels straddling South Kenyon Street. Located along the Lower Duwamish Waterway, the Site consists of a mix of commercial and industrial properties (Figure 1).

The Site is paved and relatively flat. The South Chicago Street right-of-way extends onto the Site from the west but is paved over as part of a staging yard for Silver Bay Logging. The majority of the Site is fenced along its western and southern boundaries. The southernmost parcel is a storage yard that is fenced on all sides (Figure 2).

3.3 REGIONAL AND SITE GEOLOGY

The Site is located in the Duwamish River Valley within the southern part of the Puget Sound Basin. The lowlands of the Puget Sound Basin lie between the Cascade Range on the east and the Olympic Mountains on the west. The regional topography and geology have been influenced by the glacial incursions that occurred during the Pleistocene epoch. Bedrock in the area is composed of Tertiary marine and continental sedimentary rocks and isolated igneous intrusions (DPP 1998a&b). Alluvial deposits laid down after the last glaciers retreated from the Puget Sound some 10,000 years ago dominate the Duwamish River Valley.

The Site is mapped as Qa, Alluvium (Holocene) that is chiefly sand and silt but includes clay and peat (Grant, W, Perkins, W., and Youd, T., 1998). The local hydrogeology is controlled by alluvial aquifers within the Duwamish River Valley and by Pleistocene glacial deposits in the surrounding uplands.

According to a groundwater modeling study conducted for the Duwamish river valley (Fabritz, J., Massman, J., and Booth, D., 1998), shallow groundwater in the vicinity of the Site is found within approximately 10 feet below ground surface. Groundwater flow beneath the Site is generally to the north-northeast, toward the Duwamish Waterway.

3.4 DESCRIPTION OF SITE STRUCTURES

The Site is an industrial/commercial property that contains four permanent structures (Figure 2). Portable structures are discussed in Section 4.0, Site Reconnaissance.

The office building at 7814 8th Avenue South (7814 office) is approximately 2,414 square feet with one story and a basement. The building is heated by a roof-mounted forced air unit. The building at 7808 8th Avenue South (7808 warehouse) is a 3,376 square foot warehouse structure. The building is a one-story, structure that contains an office and a loading dock. The building is heated with electric baseboard heaters in the office and forced air in the warehouse area. The building at 816 South Kenyon Street (816 shop) is also unheated. The structure is a prefabricated steel, one-story, 18,690 square foot shop area. The building located at 836 South Kenyon Street (836 shop) is a prefabricated steel, one-story, 2,490 square foot warehouse, heated by a natural gas unit. The southernmost storage yard contains no permanent structures.

3.5 CURRENT USES OF THE SITE

Silver Bay Logging currently utilizes the northern Site parcel (7760 8th Avenue South) as a lumber staging yard and repair dock for SBL-owned tug boats and barges. Lumber is off-loaded from barges and reloaded onto trucks. Other Site uses include:

7808 8th Avenue South: Vacant warehouse used sparingly by SBL for storage;
7814 8th Avenue South: North Wind Marine offices;
816 South Kenyon Street: North Wind Marine aluminum boat manufacturing shop and SBL warehouse;
836 South Kenyon Street: Rasmussen Wire, Rope and Rigging Company, Inc. synthetic harness manufacturing; and
SEC 8th Avenue South and South Kenyon Street: Fenced storage yard.

3.6 CURRENT USES OF ADJOINING PROPERTIES

Current uses of adjoining properties are summarized as follows:

North of Site: Duwamish Waterway
East of Site: Duwamish Waterway and one residence
South of Site: South Kenyon Street with residences beyond
Pyromedia Inc. ceramics manufacturers (south of storage yard)
West of Site: 8th Avenue South
Clara, Inc., Industrial Painting Company (beyond 8th Street South)
South Chicago Street intersection (beyond 8th Street South)
South Kenyon Street intersection (beyond 8th Street South)
Residences (beyond 8th Street South)

4. User-Provided Information

4.1 TITLE RECORDS

No chain-of-title records were provided to Riley for review during this assessment.

4.2 ENVIRONMENTAL LIENS, SPECIALIZED KNOWLEDGE, ETC.

The property owner, Silver Bay Logging, was unaware of any environmental liens, and/or potential valuation reductions, and did not have any specialized knowledge regarding environmental issues.

4.3 REASON FOR PERFORMING THE PHASE I ESA

Riley understands that Silver Bay Logging is interested in the new NPL listing for the Lower Duwamish Waterway. The purpose of this Phase I ESA is to identify any RECs and/or BERs associated with the Site or it's setting.

5. Site Reconnaissance & Interviews

Riley performed a Site reconnaissance, hazardous material inspection, and property manager and tenant interviews on February 26, 2002 and March 7, 2002. A summary of our findings is given below.

A portion of a marine vessel sits on pilings and is permanently attached to the northernmost corner of the Site. The structure is currently used as storage space. A metal grate/wharf runs along the northern half of the Site shoreline where SBL conducts certain boat repairs. Office trailers line the western boundary of the SBL yard along with a large prefabricated steel storage shed. The shed is a staging area for old engine components, a degreasing station, batteries and small quantities of marine finishes, epoxy paints, and thinners awaiting removal from the Site. No lead-based paints were noted at the SBL yard during the inspection. A shop trailer is located alongside the large storage shed to the south. A secondary containment shed is located on the southeast corner of the storage shed for temporary storage of motor oil and lube oil. The southeast corner of the SBL yard (east of the 836 shop building) contains several scrap items including empty drums, empty storage locker units, rubber dock bumpers, and wooden planks. Stormwater drains were noted throughout the Site. Site stormwater flows directly into the Duwamish Waterway through pipes that were visible at the shoreline.

The 836 shop building was not in use during the on-Site investigation. Mr. Bill Joost, the manager indicated that the shop was used seasonally for production of synthetic harnesses and PVC poles for marine use.

Several bags of nitrate fertilizer were being stored in the eastern section of the 816 shop building along with several fork lifts and boat engine components. The building contained an office, shop areas, and storage rooms with small quantities of epoxy paints and acetone thinners. At the time of the investigation, a large (approximately 100 foot) aluminum boat was being constructed in the west end of the shop building. The shop manager, Mr. Sam Brown, indicated that lead-based paints had not been utilized in the shop for several years. No floor drains were noted in the building.

The south storage yard contained items such as trucks, trailers, fishing nets, and a fuel tanker trailer at the time of the Site visit.

All of the on-Site buildings, including the 7808 warehouse and the 7814 office, were in good condition. No improper storage or handling of any hazardous materials was observed in any of the buildings. No significant staining or stressed vegetation was noted anywhere on the Site.

5.1 POLYCHLORINATED BIPHENYLS (PCBs) SURVEY

The EPA considers PCBs to be a possible human carcinogen. The Toxic Substance Control Act of 1976 (15 USC, s/s 2601, et seq.) prohibited any manufacturing of PCBs in the United States after January 1, 1979. Prior to 1979, light ballasts for fluorescent light fixtures typically contained PCBs. By Federal law, light ballasts manufactured after 1979 are labeled with a "No PCBs" label. Similarly, electrical transformers manufactured before 1980 frequently contained PCBs.

Riley observed a large pad-mounted transformer on the Site on the southwest corner of the SBL staging yard. According to Mr. Bussard, the unit was installed approximately six years ago. The unit contained a "No PCBs" label and appeared to be in good condition.

Riley also observed seven pole-mounted transformers on the Site to the north of South Kenyon Street. According to Karen Dinehart, a representative of Seattle City Light, the transformer with the designation number Y26018 was installed in 1978 and has not been tested. Based on the type of transformer, Seattle City Light assumes that the transformers contain less than 50 ppm of PCBs. The transformer appeared to be in good condition. In addition, Ms. Dinehart indicated that the transformers with designation numbers Y15706 and Y3916 were installed in 1972 and 1966, respectively, and have not been tested. Seattle City Light assumes that these units contain greater than 50 ppm of PCBs. The Y3916 unit appeared to have some staining and/or deterioration on the outer casing.

All other on-Site transformers appeared to be in good condition with no apparent leaks or spills.

5.2 UNDERGROUND AND ABOVEGROUND STORAGE TANK SURVEY

Riley's underground storage tank (UST) and aboveground storage tank (AGST) survey included an inspection, interviews and a review of available reports and documentation. Riley inspected the Site for indications of USTs, such as fill pipes or vent pipes. Riley did not observe any indications of USTs at the Site.

Historic maps and directories indicate that the Site contained as many as 23 residences at one time, many of which were renovated and/or replaced by additional residential structures. Available, historic tax assessor records account for approximately eight former Site residences. No records were found indicating how the remaining 15 or more residences were heated or if associated additional heating oil tanks have been removed from the Site.

Historic tax assessor records indicate that the 7808 warehouse, the 7814 office (formerly listed as 802 South Kenyon Street) and a residence formerly located on the southeast corner of 8th Avenue South and South Kenyon Street were each heated by oil-burning furnaces. In addition, city records obtained from the Department of Construction and Land Use indicate that a 5,000-gallon gasoline UST and 10,000-gallon diesel UST were installed and covered in the vicinity of the 7814 office and 836 shop in 1974. Seattle Fire Department records confirm that a 600-gallon heating oil tank was removed from the 7808 warehouse parcel in 1997. Washington State Department of Ecology records also indicate that two 111 to 1,100-gallon tanks and two tanks of undisclosed capacity were removed from the Site at 800 South Kenyon Street. No records were found indicating whether a heating oil tank has been removed from the southeast corner parcel or if the 5000 and 10,000-gallon USTs were specifically removed.

5.3 RADON GAS EPA SURVEY DATA

The EPA has set an "action level" for indoor radon levels at 4.0 picoCuries per liter (pCi/l) and above. The EPA zone for King County is "3," indicating an average radon level of less than 2.0 pCi/l. EPA radon data for King County ZIP Code 98108 is based on two tested residences. The summary data for radon in ZIP Code 98108 is presented in Table 1 below.

Table 2: Summary of Radon Data for ZIP Code 98108				
Area	Average Activity (pCi/l)	% < 4 pCi/l	% 4-20 pCi/l	% > 20 pCi/l
Living Area – 1 st floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area – 2 nd floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.200	100%	0%	0%

Due to the lack of concern for radon accumulation in the area Riley concludes that the risk of exposure to elevated levels of radon gas at the Site is very low.

6. Environmental Records Review

Riley's environmental records review consisted of the following:

- A standard review of Federal and State record databases,
- Review of City and County records, and
- Lower Duwamish National Priorities List (NPL) related documents.

6.1 STANDARD ENVIRONMENTAL RECORDS SOURCES

Riley reviewed federal & state records to determine properties with existing and/or potential environmental liabilities. The records search was performed by EDR of Southport, Connecticut and reviewed by Riley. A copy of the EDR report is included in Appendix D.

In April of 1999, the U.S. Environmental Protection Agency (EPA) conducted a site inspection (SI) over a five-mile stretch of the Lower Duwamish River to document surface and subsurface sediment concentrations of chemicals of potential concern to human health and the environment. Based on the results from the SI, the EPA on December 1, 2000 proposed to add the Lower Duwamish Waterway to the NPL. The EPA listed the Lower Duwamish on the NPL in September 2001. As part of this investigation, Riley reviewed the SI report and its relationship to the SBL Site.

6.1.1 SITE

Washington Department of Ecology records indicate that two 111 to 1,100-gallon USTs and two USTs of undisclosed capacity were removed from 800 South Kenyon Street. The Site is not currently listed as a LUST site for any UST-related releases to the environment.

Three current and former Site tenants are listed as RCRIS Small Quantity Generators. North Wind Marine (listed in the database as Work Boats Northwest) is listed for the past use of lead-based paints. According to Mr. Bruce Reagan, the president of North Wind Marine, the paints were utilized from 1995 to 1996 for building two yachts. A low priority violation was noted in the records on November 30, 1995. North Wind Marine was notified and brought into compliance. The recorded compliance date is January 5, 1996. Two other RCRIS listings, Service Specialties, Inc. at 800 South Kenyon Street and Washington Department of Ecology at 832 South Kenyon Street, exist for the Site.

The Department of Ecology has never been an occupant of the Site. However, the date of the 832 South Kenyon Street listing corresponds with the time period during which Morton Marine Services, Inc., a former property owner, declared bankruptcy and sold the Site. This is the assumed reason for the listed owner to be the Department of Ecology. Both addresses are listed as Small Quantity Generators with no violations found.

In addition to the standard environmental database search, Riley reviewed the EPA SI report for the Lower Duwamish River. Our review found that three sediment samples were collected offshore of the Site. The sample stations were designated as DR194, DR223 and DR195. Samples were analyzed for base neutral acids (BNAs), conventional parameters, total inorganic compounds, PCBs and/or organotins. The sample locations are shown in Appendix E.

Numerous contaminants of concern (COCs) were detected in the sediment samples. However, only a few COCs had concentrations that exceeded Washington State Sediment Quality Standards (SQS). According to the SI report, sediment sample DR194 contained hexachlorobenzene at a concentration of 654 µg/kg in the surface sediments. Currently the SQS for hexachlorobenzene is 380 µg/kg. For sample DR195, the detection limits for hexachlorobenzene and 1,2,4 trichlorobenzene both exceeded the applicable SQS. All other positive analytical results for contaminants of potential concern indicated that their concentrations in the sediment were below the applicable SQS. Therefore, the concentrations of hexachlorobenzene and 1,2,4 trichlorobenzene may be of regulatory concern.

6.1.2 ADJOINING/NEARBY PROPERTIES

The Lower Duwamish Waterway has been listed on the NPL database by the EPA due to contamination from decades of industrial activity conducted along the waterway. Many of the Site's nearby properties are listed on environmental databases; and therefore, may potentially contribute pollutants to soil, sediment, and groundwater in the area. In an agreement with the Client, Riley considers all upgradient properties, located within one mile of the Site that are listed in the environmental database report (EDR), to have a potential to adversely affect the Site soil, sediments and/or groundwater. However, Riley has not established any pathways for delivery of COCs from nearby properties to the Site.

7. Historical Records Review

To compile the history of the Site and adjoining properties, Riley reviewed the following historical information sources:

- Current and Historical King County Tax Assessor records;
- R.L. Polk City Directories for Seattle, WA; 1938 to 1996;
- Interviews with knowledgeable persons regarding the Site;
- Aerial photographs dated 1936, 1955, 1956, 1975, 1966, 1969, 1977, 1983, 1988, 1994 and 1999. Copies of the aerial photograph from 1936, 1957, 1977 and 1988 are provided in Appendix A;
- Department of Construction and Land Use permits and as-built drawings;
- Sanborn Fire Insurance Maps; and
- Kroll and Baist Real Estate Maps.

The history of the Site and adjoining properties is outlined below:

7.1 SITE

From at least 1908 until the 1980's, the Site primarily contained residences. In 1908, Chicago Street extended to the east, through the middle of the property, and the Site contained approximately 7 residences. A gas station/service station existed on the northern corner of the Site from at least 1929 to as late as 1937. By 1938 to as late as 1950, the corner building was occupied by the Huber Laundry Tray Company, a concrete wash tray manufacturer. The number of residences on the Site increased to as many as 23 in the 1950s and 60s. Several of the original houses were renovated and/or replaced by that time.

The current 7808 warehouse was constructed in 1954. It was occupied by the E.M. Matson, Jr. Company from 1960 until 1999. During that time the building served as a warehouse and packaging facility for products such as Corry's Slug Bait. The primary ingredient is metaldehyde. The product also contains 0.2% acetaldehyde, primarily an irritant and inhalation hazard. This pesticide appears as a white powder which, reportedly, was brought in on trucks and off-loaded through a hatch on the roof of the building.

The current 7814 office was first built as a residence in 1950. It was remodeled into the current office structure and occupied by Iverson Construction Company (Iconco) in 1970-71. It was occupied by Seaway Express Barge Lines from approximately 1984 to 1988. From approximately 1989 to 1995, the building was occupied by affiliates of North Wind Marine and Morton Marine Equipment (Morton Marine), both boat building and repair operations. Since 1996, North Wind Marine, or an affiliate thereof, has been the only tenant.

The current 836 shop was constructed in 1970. It was utilized as storage by Iconco until as late as 1984. King county tax assessor records suggest that the building may have had two pump islands. By 1985, the building was used for storage by Service Specialties Inc. Since 1996, the building has been occupied by Rasmussen Wire, Rope and Rigging Company, a manufacturer of synthetic harnesses.

The 816 shop building was built in 1974. It was occupied by Iconco, from 1974 to as late as 1984. City and county records indicate that Iconco maintained a fueling station on the west end of the shop building. By 1985, the building was occupied by Service Specialties Inc. The building has been occupied by North Wind Marine since 1989.

By 1950, the south storage yard parcel contained one residence. A second residence was built in 1953. The first residence was removed between 1975 and 1980. The second was removed some time between 1990 and 1994.

The entire Site was owned by Western Marine Construction from approximately 1981 to 1992. Western Marine utilized a former on-Site residence, located on the former South Chicago Street during that time, and built the on-Site wharf. From 1992 to approximately 1997, the Site was owned by Morton Marine, which also occupied the former on-Site office/residence until 1994.

The last residence on the Site (the former Morton Marine office) was removed from the northern parcels, along with that portion of South Chicago Street, in approximately 1994, just before Silver Bay Logging first occupied the Site. SBL took ownership of the Site from Morton Marine in approximately 1997. The South Chicago Street portion of the SBL staging yard was paved over around 1999.

7.2 ADJOINING AND NEARBY PROPERTIES

The historic land-uses for adjoining properties are summarized below.

7.2.1 NORTHEAST OF SITE

According to historic maps, the Site was not originally located along the Duwamish River. From at least 1908 the Site was located within a neighborhood that extended to the east and to the north to the original, meandering river. Between 1910 and 1920, the river was straightened to form the Duwamish Waterway and the Site's northeastern parcels became situated along the new shoreline. The Duwamish has served as a commercial waterway, providing a shipping lane directly to the various industrial and commercial businesses located in the south industrial districts of Seattle.

7.2.2 SOUTH OF SITE

From as early as 1908, the properties located south of the Site were vacant lots and South Kenyon Street still bounded all but the current storage yard area to the south. By 1920, the lots contained approximately two residences and were being utilized for agriculture. The number of residences increased to four by 1928. One of the residences was replaced by or remodeled into an apartment building by 1950. By 1966, a machine shop was built for Lawrence Machine and Manufacturing, Inc. The shop was renovated into the current, south adjoining factory building between 1977 and 1983. Historical aerial photographs indicate that the south adjoining residences were all in place by 1983. One record indicates that one of the residences recently contained an electronics business (Reamco Electronics, 817 South Kenyon Street) but does not specify for how long.

7.2.3 WEST OF SITE

From as early as 1908, only the properties located west of the southern Site storage yard were occupied with residences. After the Duwamish Waterway was straightened between 1910 and 1920, a bridge was built for 8th Avenue South crossing over the river. Residences began populating the properties across the street by 1936. By 1950, approximately four residences adjoined 8th Avenue South to the west. In 1970, eight residences and one apartment were located across 8th Avenue South. Historic aerial photographs indicate that the northernmost property, across the street to the west, contained a commercial business by 1977. By 1983, historic photos indicate that the remaining, current residential and commercial buildings existed on the west adjoining properties.

8. Findings & Conclusions

Riley has performed a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E-1527-00 at the property encompassing: 7760, 7808, and 7814 8th Avenue South, 816 and 836 South Kenyon Street, and the southeast corner of 8th Avenue South and South Kenyon Street, in Seattle, Washington.

Riley identified the following RECs, BERs and/or potential RECs and/or BERs for the Site:

- Several pole-mounted transformers located at the Site are assumed to contain PCBs. One of the PCB-containing units (Y3916) was noted to have a stained or deteriorated casing. No staining was noted on the ground in the vicinity of the power pole. The remaining units all appear to be in good condition. Due to the lack of staining on the pavement, this is not considered to be a REC or BER.
- The Lower Duwamish Waterway has been listed on the National Priorities List (NPL) database by the EPA due to contamination from decades of industrial activity conducted along the waterway. Many of the Site's nearby properties are listed on environmental databases; and therefore, may potentially contribute pollutants to soil, sediment, and groundwater in the area. In an agreement with the Client, Riley considers all upgradient properties, located within one mile of the Site that are listed in the environmental database report (EDR), to have a potential to adversely affect the Site soil, sediments and/or groundwater. They are therefore considered to be a potential REC and/or a BER for the Site.

- A review of the SI report for the Lower Duwamish Waterway shows that three sediment samples were collected along the Site shoreline (DR194, DR223 and DR195). Sample DR194 contained a hexachlorobenzene concentration of 654 µg/kg in the surface sediments. Currently the Washington State sediment quality standard (SQS) for hexachlorobenzene is 380 µg/kg. In addition, it is uncertain whether or not the hexachlorobenzene and 1,2,4 trichlorobenzene concentrations in sample DR195 are of regulatory concern due to the fact that the detection limits for these compounds exceed the applicable SQSs. The elevated hexachlorobenzene level in one Site sediment sample and the uncertain quantities in another are considered a REC and a BER.
- Archived records indicate that one or more abandoned heating oil underground storage tanks (USTs) may exist on the Site. The possible existence of heating oil tanks throughout the Site, including as many as two beneath the south storage yard, is considered a potential REC and/or BER.
- One 5,000-gallon gasoline and one 10,000-gallon diesel UST may be present on the Site due to the following: (1) City records, dated 1974, indicate that the two USTs were installed in the vicinity of the shop at 816 South Kenyon Street and the warehouse at 7814 8th Avenue South, and (2) Riley was unable to locate documentation which would specifically indicate that the USTs have been removed. Since the status of the USTs is unknown, Riley believes the contents of the USTs may pose a risk to soil, sediment, and groundwater quality at the Site. This is therefore considered a REC.
- The Site has been utilized for boat building operations for approximately 22 years. The use of lead-based paints has been confirmed in conjunction with these activities, at least during the 1980s. Given the scope of this Phase I ESA, it is difficult to assess what impact, if any, these operations have had on soil, groundwater, and sediment quality at the Site. Therefore, it is best to assume that the potential exists that these operations may have adversely impacted soil, sediment, and/or groundwater quality at the Site.
- A gas station/service station was located on the northern corner of the Site from at least 1929 to as late as 1937. No information was found indicating the status of any fuel or waste oil USTs that were presumably associated with the operation. In addition, the building also contained a large battery (presumably lead-acid) storage area. Given the early time period, the resilience of lead in soil and sediments, and the lack of information regarding the USTs, this is considered a REC and/or BER for the Site.

9. Deviations & Additional Services

Riley performed this Phase I ESA in accordance with ASTM standards. This report generally follows the recommended format provided by ASTM for Phase I ESAs; however, minor deviations in report format may exist. The following additional non-scope services have been added to this Phase I ESA: assessment of the potential for elevated radon gas.

10. References

Aerolist. Historical aerial photographs 1936, 1955, 1956, 1957, 1966, 1969, 1977, 1983, 1988, 1994, 1999.
Baist Real Estate Maps, Seattle, 1905, 1908, 1912

Environmental Data Resources (EDR). December 3, 2001. *The EDR Radius Map with GeoCheck*.

Fabritz, et. al. 1998. Duwamish Basin Groundwater Pathways: Development of a Three-Dimensional, Numerical Groundwater Flow Model for the Duwamish River Basin. University of Washington Center for Urban Water Resources Management.

Geology of Seattle, Washington United States of America, Bulletin of the Association of Engineering Geologists, Volume XXVIII, Number 3, 1991.

Kroll Real Estate Maps, Seattle, 1912, 1914, 1920, 1928, 1950, 1960, 1966, 1987.

Map Showing Liquefaction Potential in Seattle, Washington. Grant, W. Paul, Perkins, William J., and Yond, T. Leslie, 1998.

R.F Weston. 1999. Site Inspections Report of the Lower Duwamish River (RK 2.5-11.5 Volume Report and Appendices - <http://www.epa.gov/r10earth/offices/oec/duwamish/index.htm>).

R.L. Polk's City Directory Listings. Seattle, Washington. 1938 to 1996 in approximate 5-year intervals.

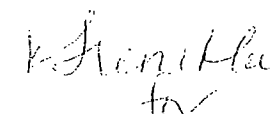
USGS 7.5 Minute Topographic Map. 1983, Seattle South, *Washington*.

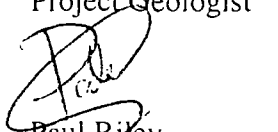
11. Signatures of Environmental Professionals

Any questions regarding the work within this report, the presentation of the information, or the interpretation of the data are welcome and should be referred to the undersigned.

Sincerely,
THE RILEY GROUP, INC.


Lannie Smith, CHMM
Environmental Scientist


Thomas Cammarata
Project Geologist


Paul Riley
Principal Geologist

12. Qualifications of Environmental Professionals

12.1 LANNIE SMITH, ENVIRONMENTAL SCIENTIST

Education

B.S. Environmental Science, Washington State University, Pullman, Washington, 1997

Special Training

40 hour Hazardous Waste Operations and Emergency Response (HAZWOPER) - 1997

AHERA Building Inspector Training – 2001 (#MO9907012)

Underground Storage Tank site Assessor – 1998

Certified Hazardous Materials Manager (CHMM) - 2000

Professional Experience

Mr. Smith has over five years of experience in environmental regulatory compliance and assessments. He has been involved in field research, assessments, data management, and scheduling projects within the private sector and for the U.S. Department of Energy. Mr. Smith's experience includes soil and groundwater investigations, performance of phase I and phase II site assessments, underground storage tank site assessments, residential and industrial lead and asbestos inspections, environmental compliance audits, and waste management consulting both within the private and public sectors.

Representative Project Experience

Burlington Northern Santa Fe Railway Co. – Environmental scientist conducting site assessments of leased properties.

U.S. Bank Corporation – Phase II soil sampling for property involved in transfer of ownership.

Port of Seattle – Industrial hygienist performing lead and asbestos inspections for multiple property transactions.

Wells Fargo Bank – Environmental Scientist performing Phase I environmental site assessments for properties involved in transfer of ownership.

Pacific Northwest National Laboratory – Performance of facility inspections for the purpose of identifying and characterizing above and below ground storage tanks.

12.2 PAUL RILEY, PRESIDENT

Education

M.S., Geological/Geophysical Sciences, Western Washington, 1991

B.S., Geological Sciences, Michigan State University, 1988

Licensed Well Driller, Washington State

Special Training:

Groundwater Remediation & Design, GNAW, 1994

Risk-Based Corrective Action – AST Seminar, 1996

Aerial Photographic Interpretation, USFG, 1997

40-Hour Wetland Delineation Course, 1999

Professional Experience

President, The Riley Group, Inc. (formerly Riley Environmental, LLC), Seattle, WA. 3/96 - present.

Mr. Riley, the founding principal of The Riley Group, Inc., has practiced as an environmental geologist and property assessor in the Seattle and Portland area since 1991. Mr. Riley has performed over 500 Phase I environmental site assessments (ESAs) and Phase II subsurface soil and groundwater investigation characterization studies in the northwest area (Washington, Oregon, and Alaska).

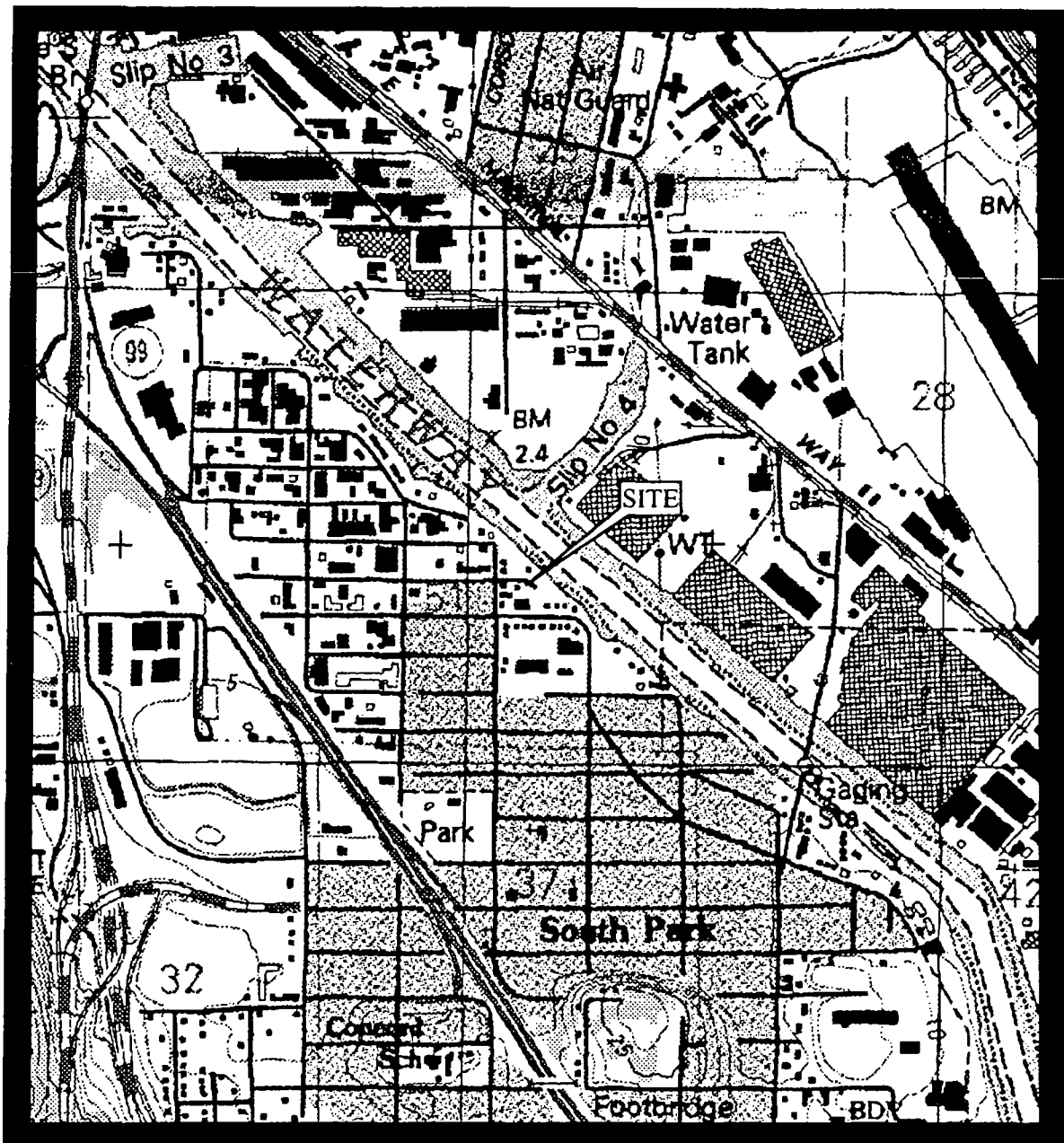
Mr. Riley is responsible for all operations of The Riley Group, Inc. Responsibilities include administrative and technical operations and business development. Mr. Riley manages Phase I ESAs, Phase II investigations, remediation consulting, and geotechnical engineering projects and staff serving a wide clientele base.

Representative Project Experience

- Performing Phase I ESAs for technically complicated commercial and industrial properties.
- Geotechnical field exploration, logging of borings, test pits and cone penetrometer tests, and performing hand probes and hand auger tests.
- Contaminated subsurface soil and groundwater characterization and treatability studies.
- UST removals and site assessments in the State of Washington. UST systems included those containing aromatic solvents, gasoline, diesel, waste oil, aviation fuel, bunker C, PS 300, thinners and paint solvents.
- Evaluated aquifer characteristics using slug tests and flow models.
- Contributes to the design of on-site vapor extraction, groundwater remediation, oxygen release compound application and bioremediation systems.

APPENDIX A

SITE FIGURES



USGS, 1983, Seattle South, Washington
 7.5-Minute Quadrangle
 Scale: 1:14,400



The Riley Group, Inc.

10728 LAKE CITY WAY NE
 SEATTLE, WASHINGTON 98125

Silver Bay Logging

Project #2002-019

Site Vicinity Map

Figure 1

Site Address: 7760 8th Avenue South, Seattle, Washington

S. PORTLAND ST

COMMERCIAL
PAINTER

SOUTH CHICAGO STREET

RESIDENCES

8TH AVENUE SOUTH

Office Trailers

Storage
Shed

Shop Trailer

Storage
Dock

SBL Wharf

Crane

DUWAMISH WATERWAY

SBL Barge

7808 Warehouse

7814 Office

816 Shop

836 Shop

Junk
Storage

RESIDENCE

SOUTH KENYON STREET

RESIDENCES

South Storage Yard

RESIDENCES

CERAMICS MANUFACTURER

KEY



Site Boundary



Fence Line

NOT TO SCALE



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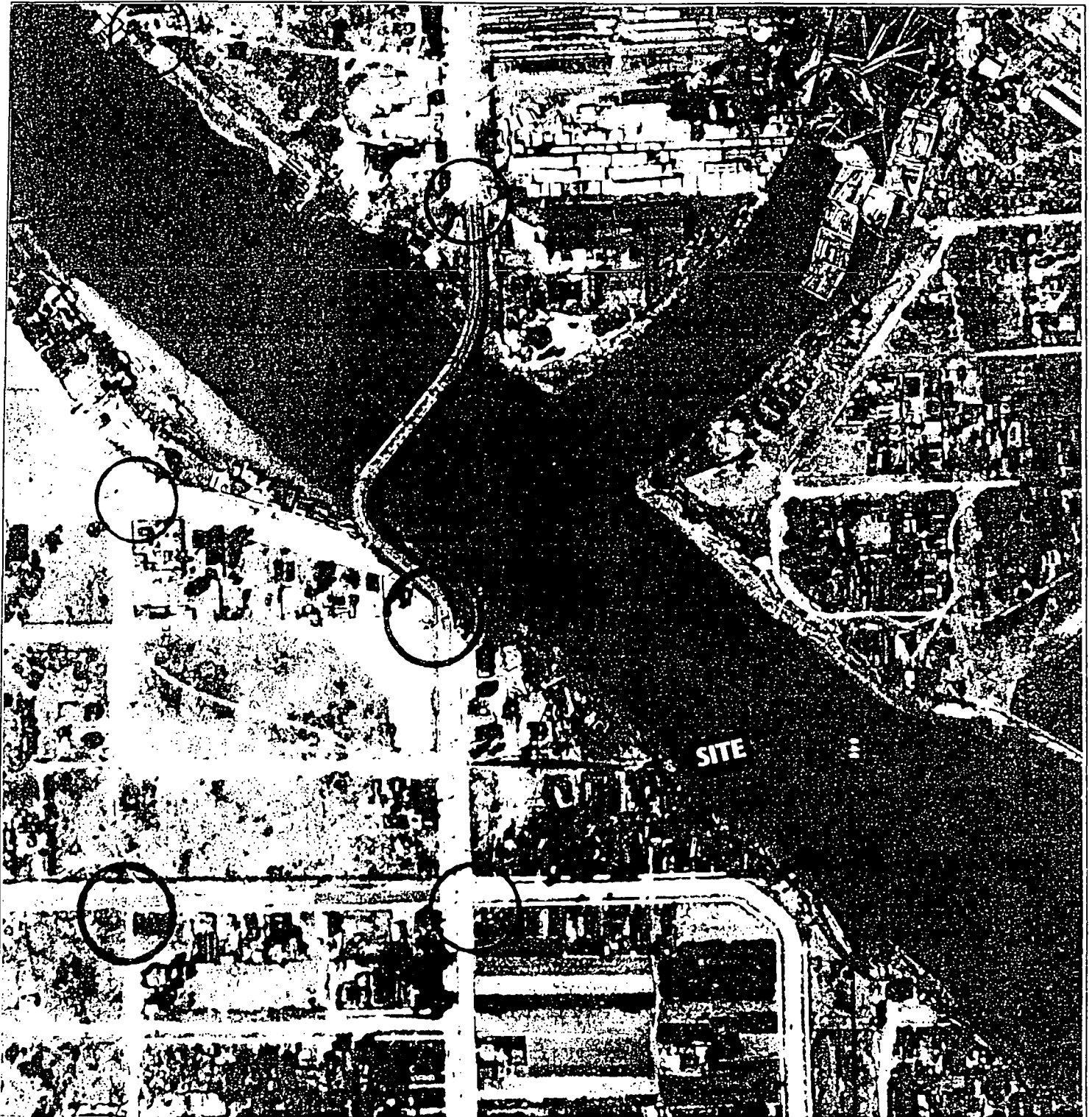
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

Silver Bay Logging

Site Plan

Figure 2

Site Address: 7760 8th Avenue South, Seattle, Washington



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SEATTLE, WASHINGTON 98125

Silver Bay Logging

Project #2002-019

1936 Aerial Photograph

Figure F-1

Site Address: 7760 8th Avenue South, Seattle, Washington



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SEATTLE, WASHINGTON 98125

Silver Bay Logging

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1957 Aerial Photograph

Figure F-2

Site Address: 7760 8th Avenue South, Seattle, Washington



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SEATTLE, WASHINGTON 98125

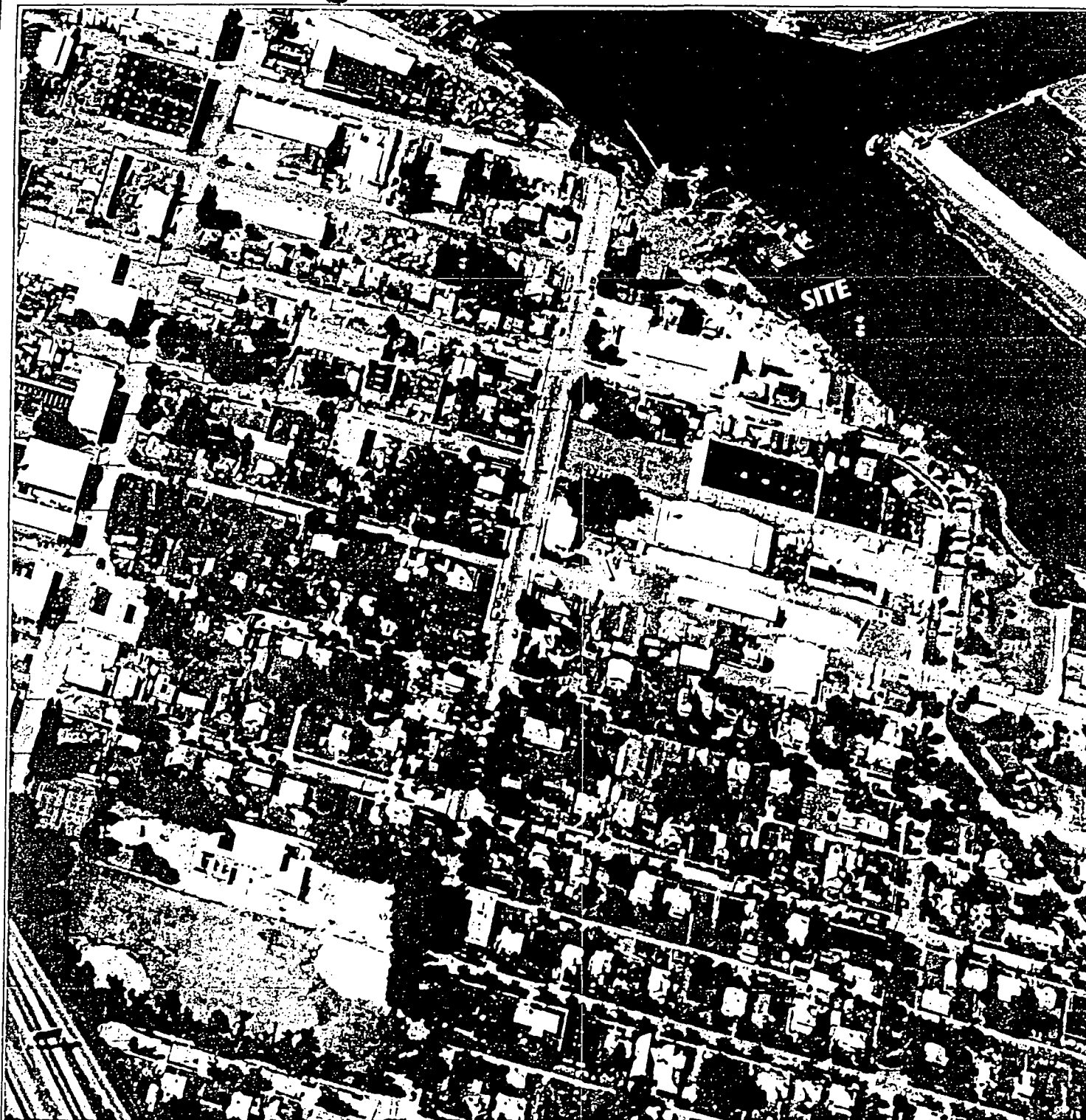
Silver Bay Logging

Project #2002-019

1977 Aerial Photograph

Figure F-3

Site Address: 7760 8th Avenue South, Seattle, Washington



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SEATTLE, WASHINGTON 98125

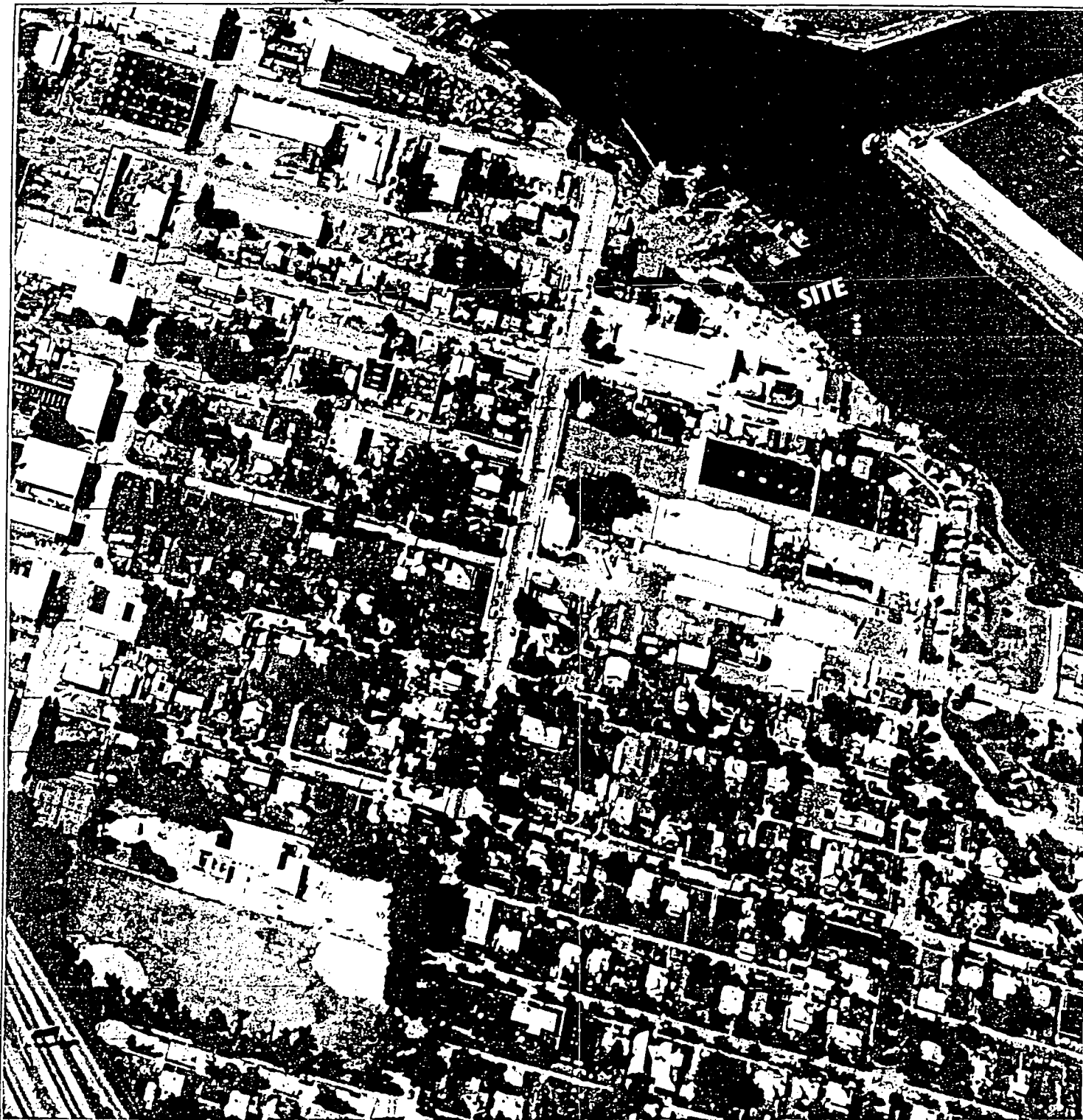
Silver Bay Logging

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1988 Aerial Photograph

Figure F-4

Site Address: 7760 8th Avenue South, Seattle, Washington



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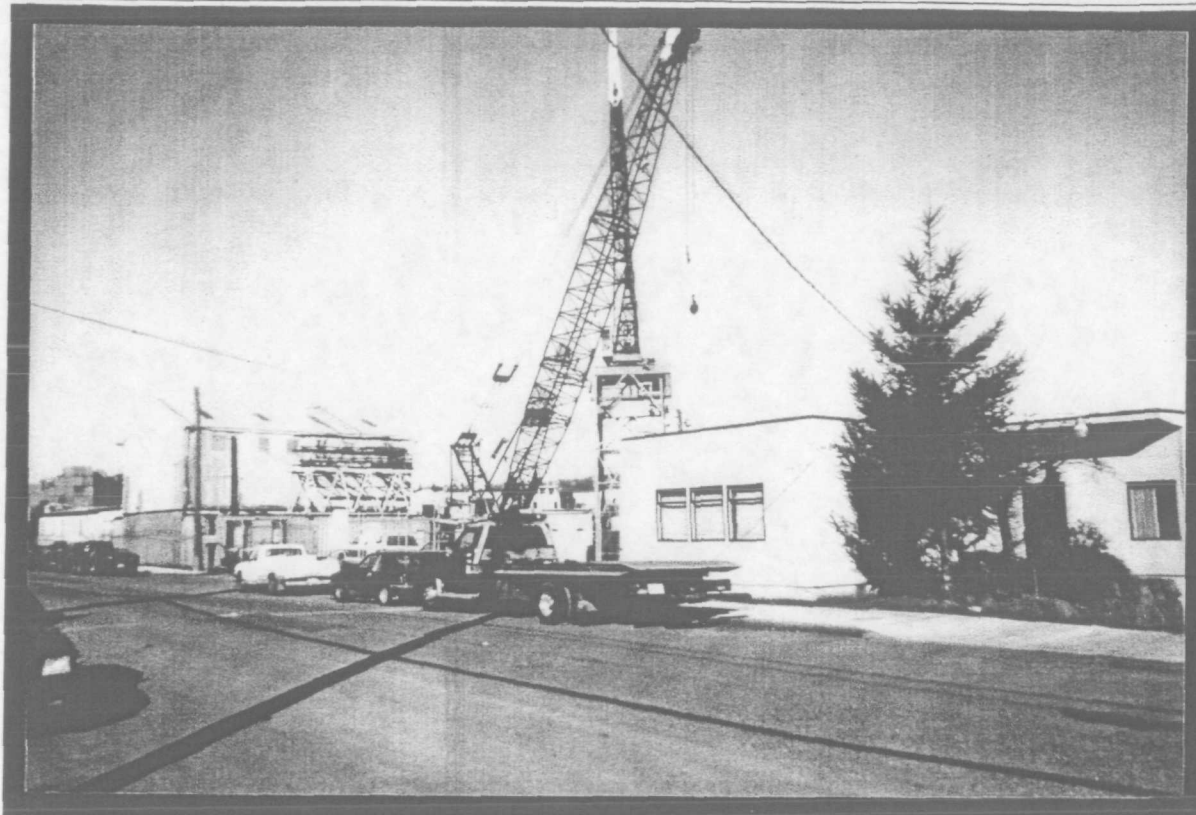
1988 Aerial Photograph

Figure F-4

Site Address: 7760 8th Avenue South, Seattle, Washington

APPENDIX B

SITE PHOTOGRAPHS



Photograph 1. View of SBL yard and 7808 warehouse from 8th Avenue South, looking northeast.



Photograph 2. View of 7814 office, looking east.



The Riley Group, Inc.
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SEATTLE, WASHINGTON 98125

Silver Bay Logging

Riley Project
#2002-019

Site Photographs

Figure B-1

Site Address: 7760 8th Avenue South, Seattle, Washington



Photograph 3. View of 816 shop, looking northeast



Photograph 4. View of 836 shop, looking northeast



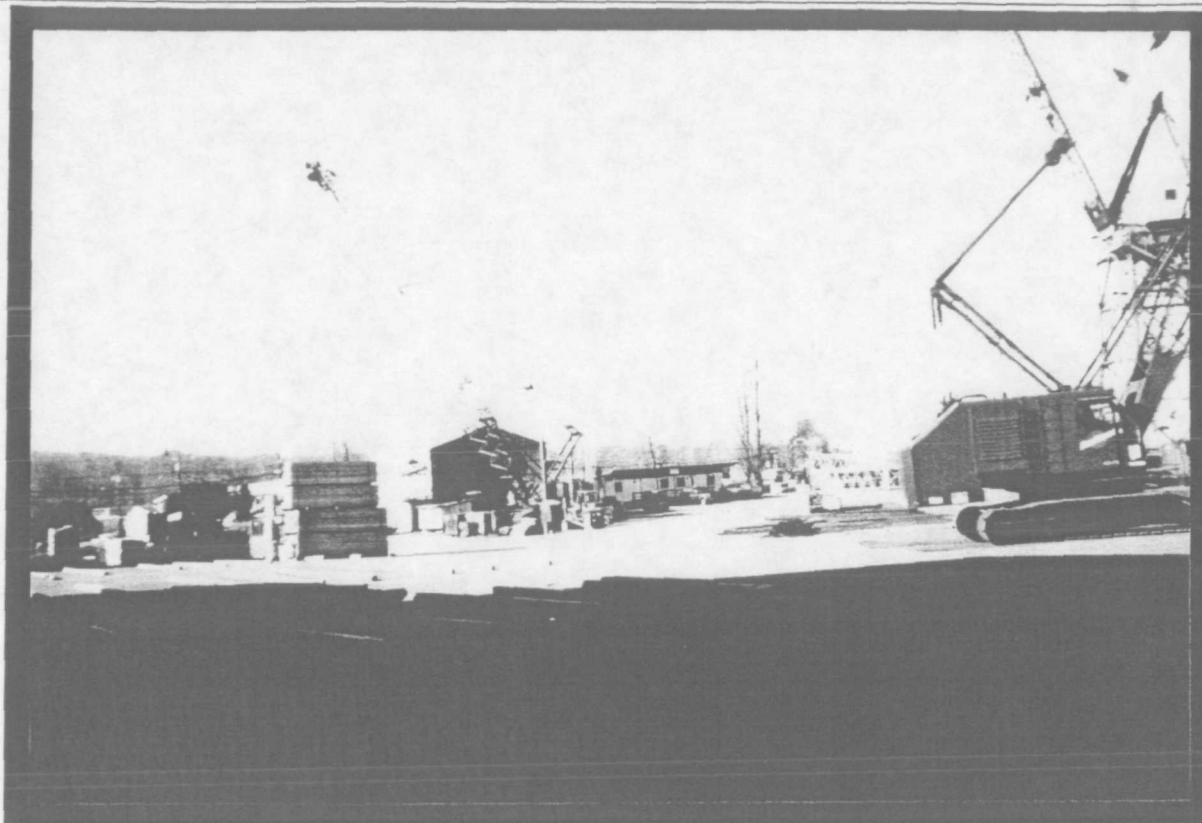
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ALBANY, AL 36821

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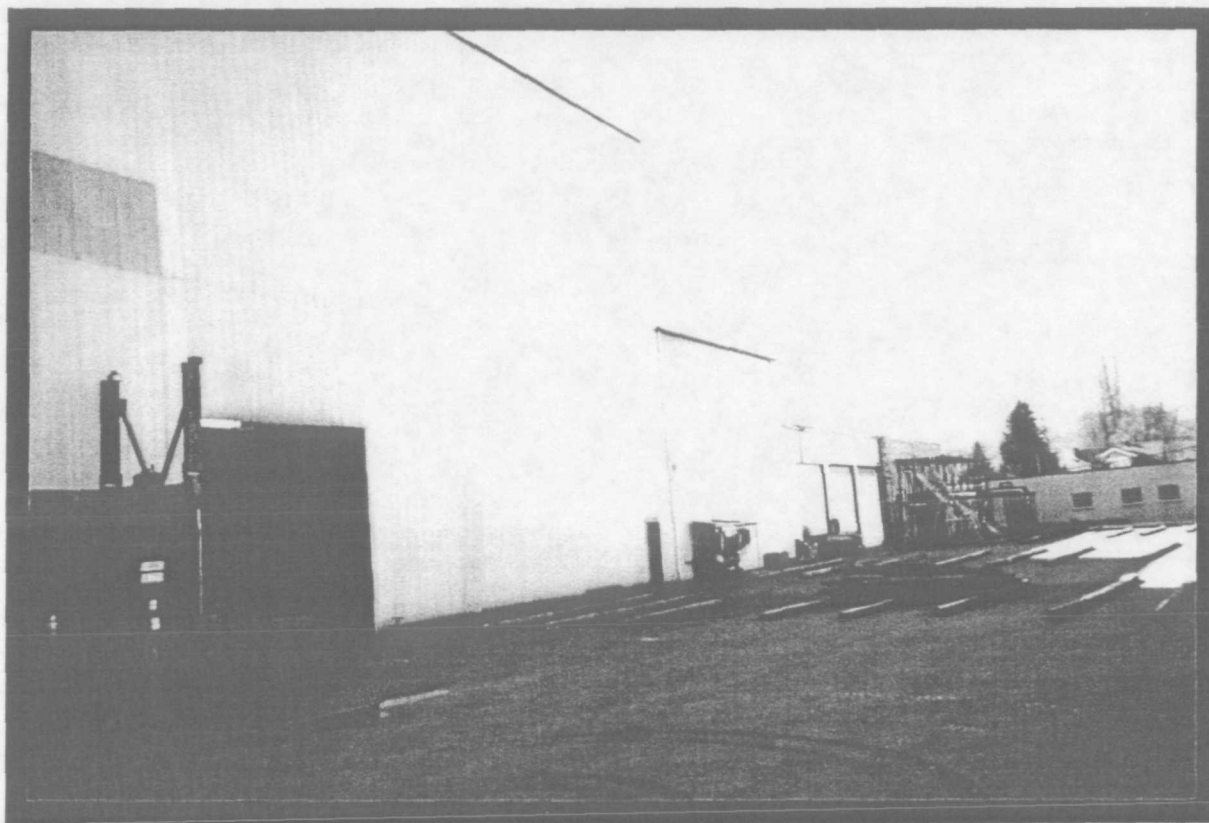
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HARRIS, 028

Site Photographs

Figure B 7



Photograph 5. View of SBL yard, looking northwest.



Photograph 6. View of SBL yard and BIG shop, looking southwest.



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SEATTLE, WASHINGTON 98125

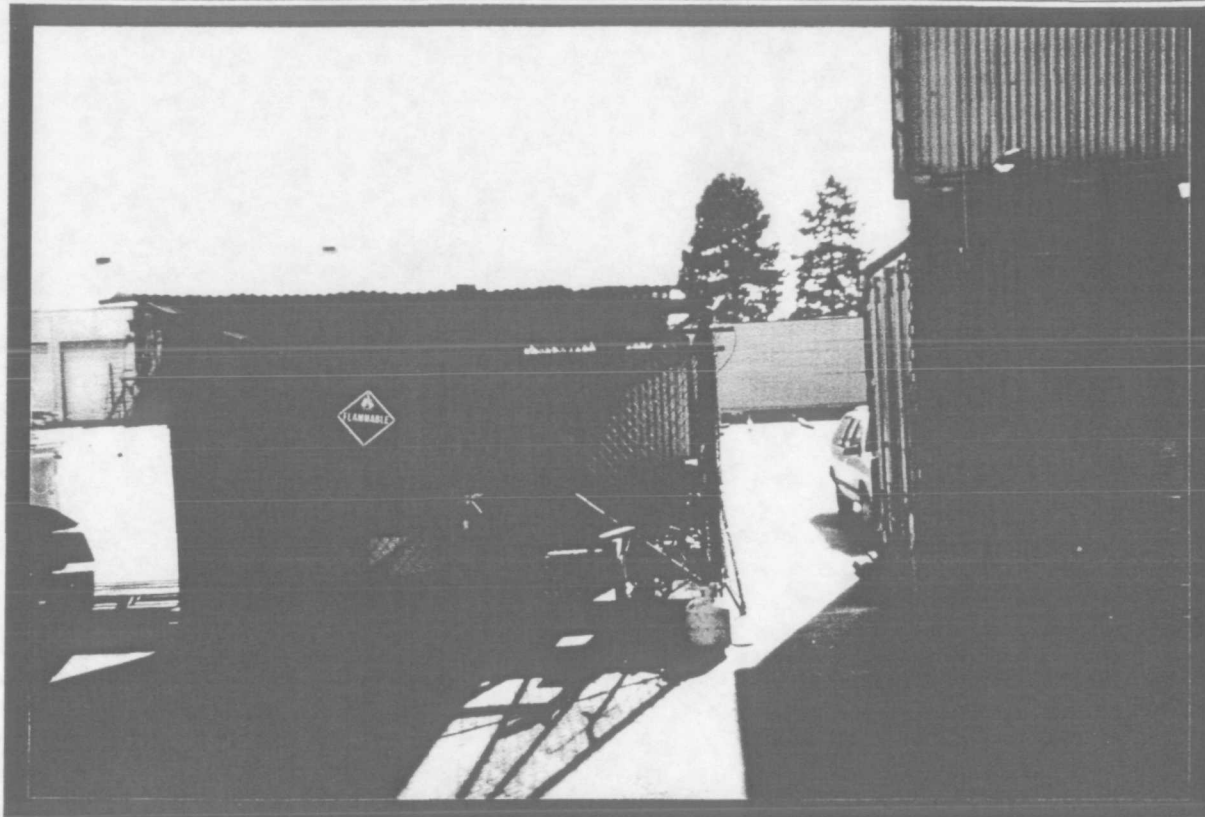
Silver Bay Logging

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#2002-019*

Site Photographs

Figure B-3

Site Address: 7760 8th Avenue South, Seattle, Washington



Photograph 7. View of SBL yard secondary containment area, looking south.



Photograph 8. View of south storage yard, looking west.



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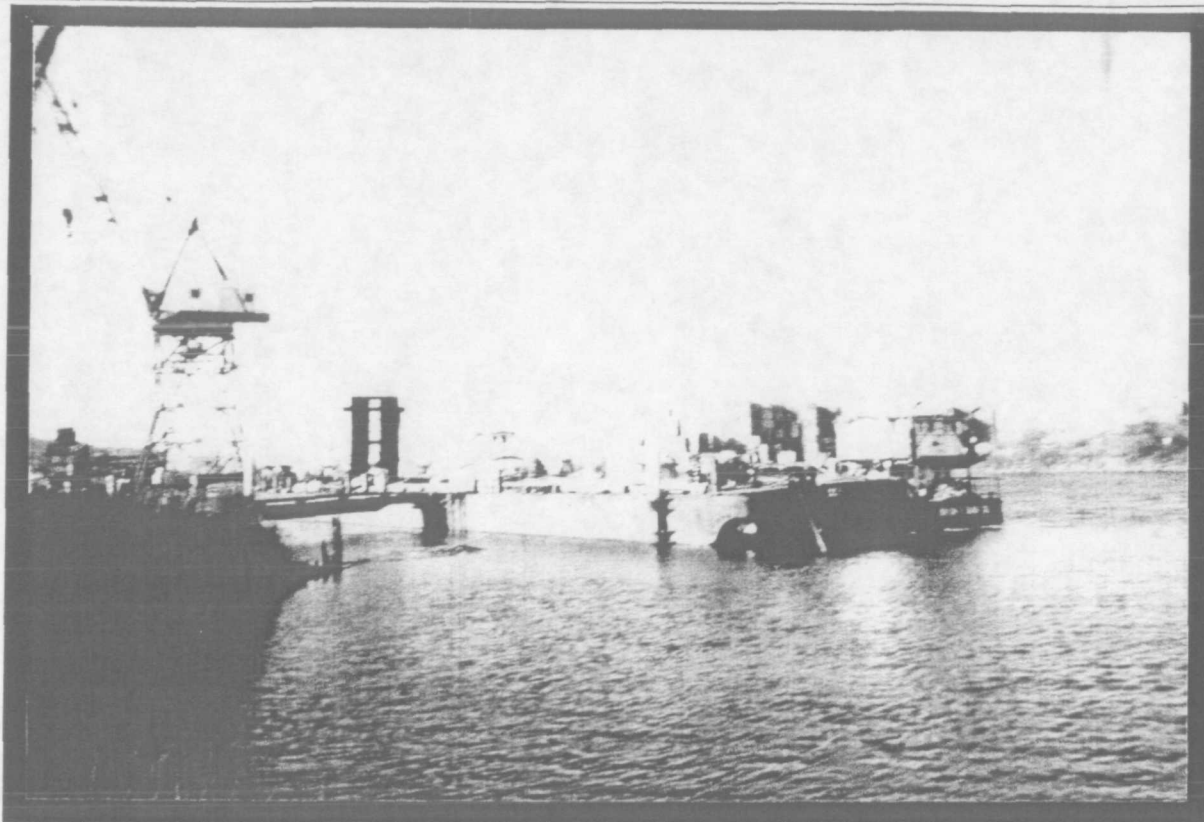
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Site Photographs

Figure B-4

Site Address: 7760 8th Avenue South, Seattle, Washington



Photograph 9. View of Lower Duwamish Waterway and SBL barge, looking north from SBL yard



Photograph 10. View of east adjoining residence, looking northeast



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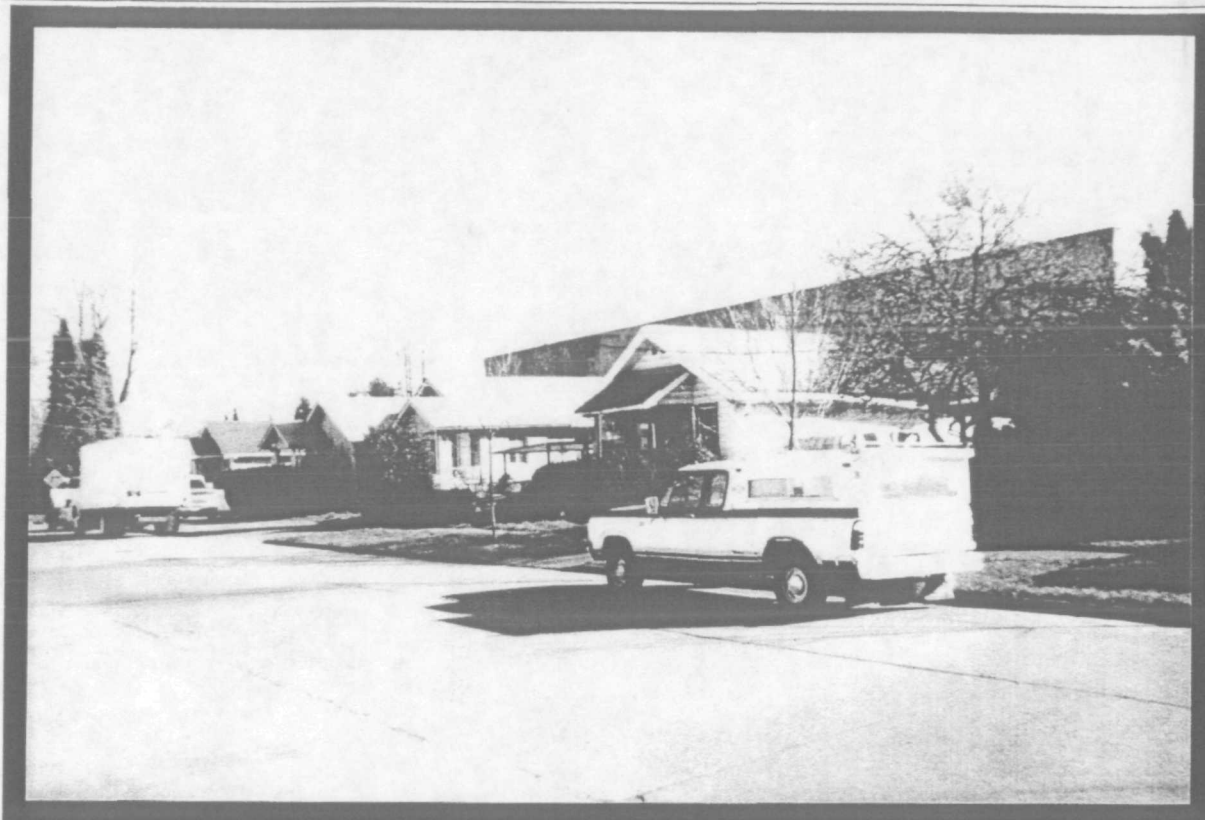
Silver Bay Logging

*Riley Project
#2002-019*

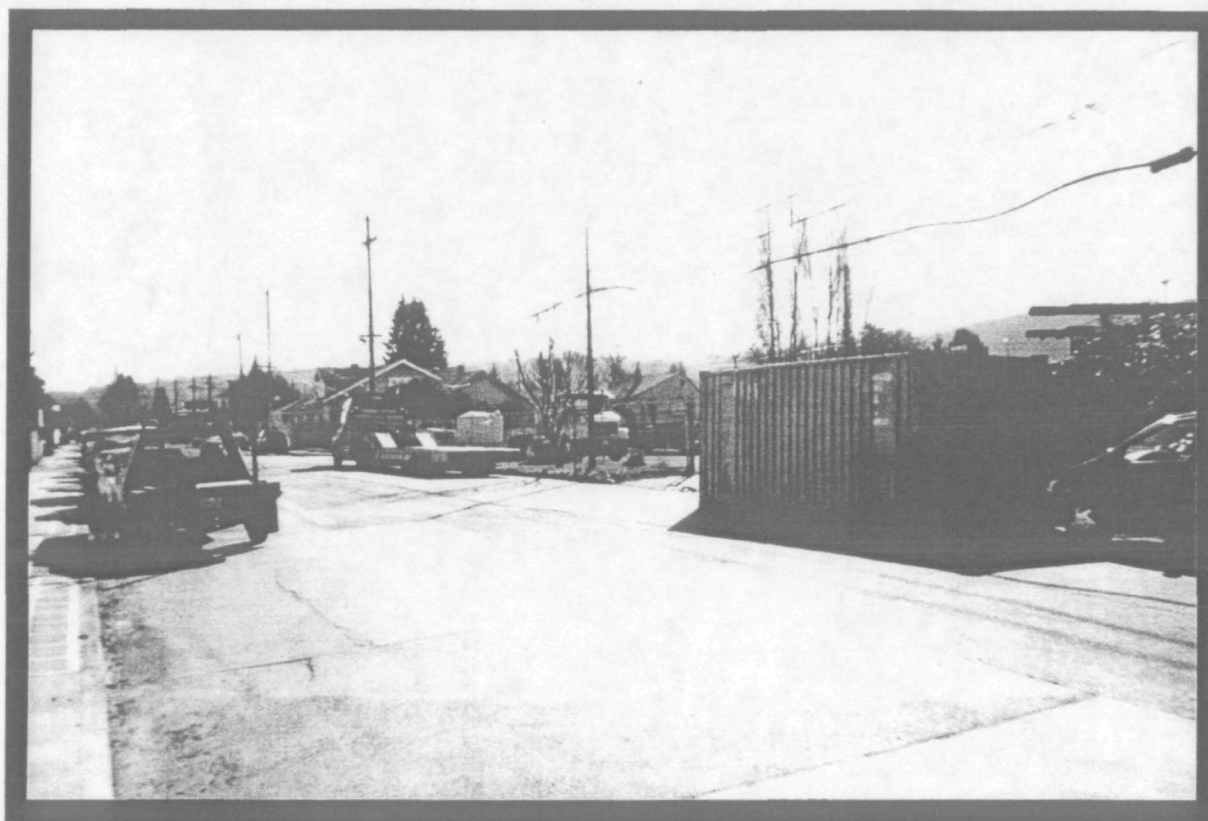
Site Photographs

Figure B-5

Site Address: 7760 8th Avenue South, Seattle, Washington



Photograph 11. View of south adjoining residences and ceramics manufacturer beyond.



Photograph 12. View of west adjoining paint company and residences, looking southwest.



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SEATTLE, WASHINGTON 98125

Silver Bay Logging

Riley Project
#2002-019

Site Photographs

Figure B-6

Site Address: 7760 8th Avenue South, Seattle, Washington

APPENDIX C

ASTM DEFINITION OF TERMS

DEFINITIONS

Asbestos containing material (ACM)

Any material or product that contains more than 1% asbestos.

Adjoining properties

Any real property or properties the border of which is contiguous or partially contiguous with that of the property or that would be contiguous or partially contiguous but for a street, road, or other public thoroughfare separating them.

Drum

A container (typically, but not necessarily, holding 55 gal (208L) of liquid) that may be used to store hazardous substances or petroleum products.

Hazardous substance

A substance defined as a hazardous substance pursuant to CERCLA 42 USC 9601 (14), as interpreted by EPA regulations and the courts; (A) any substance designated pursuant to section 1321 (b)(2)(A) of Title 33, (B) any elements, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (42 USC 6921) (but not including any waste the regulation of which under Solid Waste Disposal Act (42 USC 6901 et seq.) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 USC 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise under specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)." (See Appendix XI)

Landfill

A place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term solid waste disposal site and is also known as the garbage dump, trash dump, or similar term.

LUST Sites

State lists of leaking underground storage tank sites. Section 9003 (h) of Subtitle I of RCRA give EPA and states, under cooperative agreements with require owners and operators to do so.

Property

The real property that is the subject of the environmental site assessment described in this practice. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land.

Recognized Environmental Conditions

The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the

THE RILEY GROUP, INC.

ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

Underground Storage Tank (UST)

Any tank, including underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground.

ACRONYMS

EPA-United States Environmental Protection Agency

LBP-Lead-Based Paint

LUST-Leaking Underground Storage Tank.

MTCA-Model Toxics Control Acts

PCBs-Polychlorinated Biphenyls.

PCS-Petroleum Contaminated Soil

UST-Underground Storage Tank

APPENDIX D
ENVIRONMENTAL DATABASE REPORT



The EDR Radius Map with GeoCheck®

**Silver Bay Logging
7760 8th Avenue
Seattle, WA 98108**

Inquiry Number: 710057.1s

December 03, 2001

The Source For Environmental Risk Management Data

**3530 Post Road
Southport, Connecticut 06490**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

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GEOCHECK ADDENDUM

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

7760 8TH AVENUE
SEATTLE, WA 98108

COORDINATES

Latitude (North): 47.532900 - 47° 31' 58.4"
Longitude (West): 122.322700 - 122° 19' 21.7"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 550979.4
UTM Y (Meters): 5264389.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2447122-E3 SEATTLE SOUTH, WA
Source: USGS 7.5 min quad Index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL _____ National Priority List
Proposed NPL _____ Proposed National Priority List Sites
CERCLIS _____ Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP _____ CERCLIS No Further Remedial Action Planned
RCRIS-TSD _____ Resource Conservation and Recovery Information System
ERNS _____ Emergency Response Notification System

STATE ASTM STANDARD

SWF/LF _____ Solid Waste Facility Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT _____ Superfund (CERCLA) Consent Decrees
ROD _____ Records Of Decision
Delisted NPL _____ National Priority List Deletions

EXECUTIVE SUMMARY

FINDS _____ Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS _____ Hazardous Materials Information Reporting System
MLTS _____ Material Licensing Tracking System
MINES _____ Mines Master Index File
NPL Liens _____ Federal Superfund Liens
PADS _____ PCB Activity Database System
RAATS _____ RCRA Administrative Action Tracking System
TRIS _____ Toxic Chemical Release Inventory System
TSCA _____ Toxic Substances Control Act
FTTS _____ FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

CSCSL NFA _____ Confirmed & Contaminated Sites - No Further Action
EMI _____ Washington Emissions Data System

EDR PROPRIETARY DATABASES

Coal Gas _____ Former Manufactured Gas (Coal Gas) Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold Italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/20/2001 has revealed that there are 3 CORRACTS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>BOEING PLANT 2</i>	<i>7755 E MARGINAL WAY S</i>	<i>1/2 - 1 E</i>	<i>U83</i>	<i>84</i>
<i>BOEING D & SG MFC SITE</i>	<i>1008 E MARGINAL WAY S</i>	<i>1/2 - 1 ESE</i>	<i>98</i>	<i>126</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>GREAT WESTERN CHEMICAL CO SEAT</i>	<i>6900 FOX AVE S</i>	<i>1/2 - 1 NNW</i>	<i>85</i>	<i>93</i>

EXECUTIVE SUMMARY

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 2 RCRIS-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LONG PAINTING CO	8025 10TH AVE S	1/8 - 1/4SSE	G27	21
BROWN ENGINEERING	550 S MONROE ST	1/8 - 1/4WSW	36	33

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 20 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WORKBOATS NORTHWEST INC	7814 8TH AVE S	0 - 1/8 S	1	5
INTERSTATE COATINGS	754 S CHICAGO	0 - 1/8 WSW	A2	5
SERVICE SPECIALTIES INC	800 S KENYON ST	0 - 1/8 S	B4	10
REAMCO ELECTRONICS	817 S KENYON	0 - 1/8 S	B6	11
S KENYON ST	832 S KENYON ST	0 - 1/8 SSE	B7	11
SOUTH PARK TRUCK & TRAILER REP	722 S CHICAGO ST	0 - 1/8 W	C12	13
WEST COAST WIRE ROPE RIGGING	7777 7TH AVE S	1/8 - 1/4W	15	15
WASHINGTON LIFTRUCK INC	700 S CHICAGO ST	1/8 - 1/4W	E16	15
DUWAMISH RIVER SLIP 4	SLIP 4 DUWAMISH RIVER	1/8 - 1/4NE	21	18
YALE MATERIALS HANDLING NW INC	8101 7TH AVE S	1/8 - 1/4SW	25	20
LONG INTERSTATE A JOINT VENTUR	8025 10TH AVE S	1/8 - 1/4SSE	G26	21
SHAWNEE PAINTING SANDBLASTIN	8107 10TH AVE S	1/8 - 1/4SSE	G31	30
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LUKAS MACHINE INC	707 S RIVERSIDE DR	0 - 1/8 NW	D11	13
HURLIN CONSTRUCTION	700 S RIVERSIDE DR	0 - 1/8 NW	D13	14
HANSEN MACHINE CORP SEATTLE	712 S PORTLAND ST	0 - 1/8 WNW	14	14
DC TOOLING REPAIR	582 S RIVERSIDE DR	1/8 - 1/4NW	F23	19
S HOLDEN ABANDONED CONTAINER	750 BLK S HOLDEN ST AT	1/8 - 1/4WNW	24	20
PIPE SPECIALTIES INC	531 S PORTLAND	1/8 - 1/4W	32	31
MILL ENGINEERING & SUPPLY CO	516 S CHICAGO	1/8 - 1/4W	H35	32
ROGERS MACHINERY CO INC	7800 5TH AVE S	1/8 - 1/4W	H37	33

STATE ASTM STANDARD

CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the CSCSL list, as provided by EDR, has revealed that there are 34 CSCSL sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INTERSTATE COATINGS	754 S CHICAGO	0 - 1/8 WSW	A2	5

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DUWAMISH RIVER SLIP 4	SLIP 4 DUWAMISH RIVER	1/8 - 1/4 NE	21	18
LONG PAINTING CO	8025 10TH AVE S	1/8 - 1/4 SSE	G27	21
MANITOWAK WESTERN	8250 5TH AVE S	1/4 - 1/2 SW	J43	37
BOEING NORTH FIELD	7370 E MARGINAL WAY S	1/4 - 1/2 NE	48	42
STERNOFF METALS	7201 E MARGINAL WY S	1/4 - 1/2 NNE	L49	44
SPENCER INDUSTRIES INC	8410 DALLAS AVE S	1/4 - 1/2 SE	M55	52
BOEING PLANT 2	7755 E MARGINAL WAY S	1/2 - 1 E	U82	81
LAIDLAW	7739 1ST AVE S	1/2 - 1 W	V86	102
EASTERN SUPPLY CO	7745 1ST AVE S	1/2 - 1 W	V87	104
MALARKEY ASPHALT CO	8700 DALLAS AV S	1/2 - 1 SE	88	105
SEATTLE AIR NATL GUARD BOEING	6736 ELLIS AV S	1/2 - 1 NNE	89	109
FIRST AVE BRIDGE LANDFILL	7700 BLOCK OF 2ND AVE S	1/2 - 1 W	90	110
WEST COAST EQUIPMENT INC	7777 DETROIT AV SW	1/2 - 1 W	W92	117
WEST COAST EQUIPMENT 2	7746 DETROIT AV SW	1/2 - 1 W	W93	120
NORTHWEST ENVIROSERVICE 2	8105 1ST AV S	1/2 - 1 WSW	94	121
AMERICAN AVIONICS KING CNTY AI	7023 PERIMETER RD S	1/2 - 1 ENE	99	127
BOEING ELECTRONIC MFG	7300 PERIMETER RD S	1/2 - 1 ENE	X104	137
BOEING A&M ELECTRONIC MFG FACI	7355 PERIMETER RD S	1/2 - 1 ENE	X105	138

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SEATTLE S TRANSFER STA	8100 2ND AV S	1/4 - 1/2 WSW	O59	66
BOEING NORTH FIELD JP4 TANKS	ELLIS AVE / E MARGINA	1/4 - 1/2 NNE	Q62	69
MYRTLE STREET PROPERTY	606 S MYRTLE ST	1/4 - 1/2 NNW	T79	77
MYRTLE STREET PROPERTY	606 S MYRTLE ST	1/4 - 1/2 NNW	T80	78
RYDER STUDENT TRANSPORTATION S	130 S KENYON ST	1/4 - 1/2 W	81	79
DUWAMISH CO 070952	7000 E MARGINAL WAY	1/2 - 1 N	84	91
GREAT WESTERN CHEMICAL CO SEAT	6900 FOX AVE S	1/2 - 1 NNW	85	93
CONTAINER SERVICES CO NW INC	7152 1ST AVE S	1/2 - 1 NW	91	112
VIOX MCDOWELL SITE	551 S RIVER ST	1/2 - 1 NNW	95	122
VIOX CORP	6701 6TH AVE S	1/2 - 1 NNW	96	123
BIG JOHNS TRUCK REPAIR INC	6533 3RD AVE S	1/2 - 1 NNW	97	124
EVERCLEAN INC DBA GAS N WASH	551 S MICHIGAN ST	1/2 - 1 NNW	100	128
EMERALD TOOL INC	6332 6TH S	1/2 - 1 N	101	130
WASTE MANAGEMENT OF SEATTLE	7201 W MARGINAL WAY SW	1/2 - 1 WNW	102	132
FRANKS USED CARS	6305 E MARGINAL WAY S	1/2 - 1 NNW	103	134

HSL: The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

A review of the HSL list, as provided by EDR, and dated 08/28/2001 has revealed that there are 2 HSL sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LAIDLAW	7739 1ST AVE S	1/2 - 1 W	V86	102
WEST COAST EQUIPMENT 2	7746 DETROIT AV SW	1/2 - 1 W	W93	120

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the LUST list, as provided by EDR, and dated 09/13/2001 has revealed that there are 17 LUST sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INTERSTATE COATINGS, INC.	754 S CHICAGO ST	0 - 1/8 WSW A3		9
OLYMPIC STEEL DOOR	7800 7TH AVE S	1/8 - 1/4 W E17		16
MARINE LUMBER SERVICE - SHOP	558 S KENYON ST	1/8 - 1/4 WSW 30		30
VIC MARKOV TIRE CO.	7300 E MARGINAL WY SO	1/4 - 1/2 NE K45		39
ATLANTIC RICHFIELD COMPANY	7200 E MARGINAL WAY S	1/4 - 1/2 NNE L52		50
NORTH BOEING FIELD	7500 E MARGINAL WAY S	1/4 - 1/2 ENE N56		54
RAZORE ENTERPRISES	500 SOUTH SULLIVAN	1/4 - 1/2 SSW 76		75
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HURLEN CONSTRUCTION COMPANY	700 SO RIVERSIDE DR/PO	1/8 - 1/4 NW 18		16
605 SO RIVERSIDE DRIVE (MILLS	605 SO RIVERSIDE DRIVE	1/8 - 1/4 NW F20		17
MARINE LUMBER SERVICE INC.	525 S CHICAGO ST /PO BO	1/8 - 1/4 W H33		31
PUGET SOUND TRUCK LINES INC	7303 8TH AVENUE SOUTH	1/4 - 1/2 N I39		34
ATC DISTRIBUTION GROUP	401 S WEBSTER	1/4 - 1/2 WNW 41		36
GLITSA AMERICAN INCORPORATED	327 SOUTH KENYON STREET	1/4 - 1/2 W 42		37
ROYAL HYWAY TOURS	255 SOUTH HOLDEN ST.	1/4 - 1/2 WNW P61		68
SEATTLE FIRE STATION 27	1000 S MYRTLE ST	1/4 - 1/2 N R73		74
TACOMA SEATTLE TRAILER REPAIR	150 S KENYON ST	1/4 - 1/2 W S77		76
RYDER STUDENT TRANSPORTATION S	130 S KENYON ST	1/4 - 1/2 W 81		79

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the UST list, as provided by EDR, and dated 09/13/2001 has revealed that there are 12 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INTERSTATE COATINGS, INC.	754 S CHICAGO ST	0 - 1/8 WSW A3		9
WFI	800 S KENYON	0 - 1/8 S B5		10
WESTFORK NELSON INCORPORATED	7916 8TH AVE S	0 - 1/8 S B8		12
WEST FORK NELSON	7918 8TH AVE S	0 - 1/8 S B9		12
NORTHERN FREIGHT LINES INC	730 SO. CHICAGO STREET	0 - 1/8 W C10		12
OLYMPIC STEEL DOOR	7800 7TH AVE S	1/8 - 1/4 W E17		16
SEIDELHUBER IRON & BRONZE WORK	8009 7TH AVE S	1/8 - 1/4 SW 22		19
LONG PAINTING COMPANY	8025 10TH AVE S	1/8 - 1/4 SSE G28		27
MARINE LUMBER SERVICE - SHOP	558 S KENYON ST	1/8 - 1/4 WSW 30		30
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HURLEN CONSTRUCTION COMPANY	700 SO RIVERSIDE DR/PO	1/8 - 1/4 NW 18		16
605 SO RIVERSIDE DRIVE (MILLS	605 SO RIVERSIDE DRIVE	1/8 - 1/4 NW F20		17
MARINE LUMBER SERVICE INC.	525 S CHICAGO ST /PO BO	1/8 - 1/4 W H34		31

STATE OR LOCAL ASTM SUPPLEMENTAL

ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the WA ICR list, as provided by EDR, has revealed that there are 35 WA ICR sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INTERSTATE COATINGS	754 S CHICAGO	0 - 1/8 WSW A2		5
LONG PAINTING CO	8025 10TH AVE S	1/8 - 1/4 SSE G27		21
MARINE LUMBER SERVICE - SHOP	558 S KENYON ST	1/8 - 1/4 WSW 30		30
MANITOWAK WESTERN	8250 5TH AVE S	1/4 - 1/2 SW J44		39
KING COUNTY AIRPORT (OLD GAS S	7300 E. MARGINAL WAY S.	1/4 - 1/2 NE K46		40
EVERGREEN MARINE LEASING	7343 E MARGINAL WAY	1/4 - 1/2 NE 47		41
ARCO #5218	7200 E. MARGINAL WAY S.	1/4 - 1/2 NNE L50		46
STERNOFF METALS (FORMER) (TWO	7201 E. MARGINAL WAY S.	1/4 - 1/2 NNE L51		50
AIRCO WELDING PRODUCTS	7700 14TH AV S	1/4 - 1/2 ENE 53		51
SPENCER INDUSTRIES, INC.	8410 DALLAS AVE. S.	1/4 - 1/2 SE M54		52
BOEING/NORTH BOEING FIELD BUIL	7500 E. MARGINAL WAY S.	1/4 - 1/2 ENE N57		62
BOEING NORTH BOEING FIELD	7500 E MARGINAL WAY	1/4 - 1/2 ENE N58		63
RAZORE ENTERPRISES	500 SOUTH SULLIVAN	1/4 - 1/2 SSW 76		75
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HURLEN CONSTRUCTION	700 S RIVERSIDE DR	0 - 1/8 NW D13		14
CROTHAMEL PROPERTY	605 S. RIVERSIDE DR.	1/8 - 1/4 NW F19		17
MARINE LUMBER SERVICE INC.	525 S CHICAGO ST/PO BO	1/8 - 1/4 W H34		31
PUGET SOUND TRUCK SEATTLE	7303 8TH AVE. S.	1/4 - 1/2 N I38		33
FERGUSON CONSTRUCTION	7433 5TH AVE S	1/4 - 1/2 NW 40		35
ATC DISTRIBUTION GROUP	401 S WEBSTER	1/4 - 1/2 WNW 41		36
CITY OF SEATTLE SOLID WASTE DI	8100 2ND AVE S	1/4 - 1/2 WSW O60		67
ROYAL HYWAY TOURS	255 SOUTH HOLDEN ST.	1/4 - 1/2 WNW P61		68
BOEING - NORTH FIELD BUILDING	ELLIS AVE. S. / E. MA	1/4 - 1/2 NNE Q63		70
BOEING - NORTH FIELD BUILDING	ELLIS AVE. S. / E. MA	1/4 - 1/2 NNE Q64		71
BOEING NORTH FIELD	ELLIS AVE. S. / E. MA	1/4 - 1/2 NNE Q65		71
NORTH BOEING FIELD, BLAST FENC	ELLIS AVE. S. / E. MA	1/4 - 1/2 NNE Q66		71
BOEING - NORTH BOEING FIELD, P	ELLIS AVE. S. / E. MA	1/4 - 1/2 NNE Q67		72
BOEING NORTH FIELD-BLDGS 3-800	ELLIS AVE. S. / E. MA	1/4 - 1/2 NNE Q68		72
BOEING - NORTH FIELD BUILDING	ELLIS AVE. S. / E. MA	1/4 - 1/2 NNE Q69		72
BOEING - NORTH FIELD	ELLIS AVE. S. / E. MA	1/4 - 1/2 NNE Q70		73
BOEING - NORTH BOEING FIELD BL	ELLIS AVE. S. / E. MA	1/4 - 1/2 NNE Q71		73
FIRE KING OF SEATTLE	240 S. HOLDEN ST.	1/4 - 1/2 WNW P72		73
CITY OF SEATTLE - FIRE STATION	1000 S. MYRTLE ST.	1/4 - 1/2 N R74		74
SEATTLE CITY LIGHT	1012 S. MYRTLE ST.	1/4 - 1/2 N R75		74
TACOMA & SEATTLE TRAILER	150 S. KENYON ST.	1/4 - 1/2 W S78		77
RYDER STUDENT TRANSPORTATION S	130 S KENYON ST	1/4 - 1/2 W 81		79

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
SOUTHPARK LANDFILL	CSCSL
GEORGETOWN CENTER	CSCSL
UPRR DIAGONAL AVE S SPUR	CSCSL
SEATTLE CITY LIGHT STEAMPLANT GEOR	CSCSL
LOWER DUWAMISH WATERWAY	CSCSL
BAYSIDE DISPOSAL CO	CSCSL
BOEING COMPANY N FIELD SEATTLE CY	CERC-NFRAP
DIMENSIONAL ENGINEERING	CERC-NFRAP
SEATTLE, CY OF, 1ST AV BRG LDFL	CERC-NFRAP
SOUTH PARK ABANDONED LANDFILL	SWF/LF
GENESEE PARK ABANDONED LANDFILL	SWF/LF
SOUTH TS / SOUTH HHW FACILITY - MR	SWF/LF
PACIFIC NW GROUP A	UST, WA ICR
NORTHWEST ANTIFREEZE SVC INC	RCRIS-SQG, FINDS
CALIFORNIA AVE. LAW APTS. PROP.	WA ICR
EVERGREEN MARINE LEASING (THREE RE	WA ICR
SR 99 & FIRST AVE. BRIDGE SPILLWS	WA ICR
UNION PACIFIC RAILROAD	WA ICR
NORTHWEST ENVIRO SERVICE	WA ICR
MOBIL CANAL BULK PLANT	WA ICR
CROSBY AUTO REPAIR SHOP	WA ICR
ANDREWS PROPERTY	WA ICR
FEDERAL AVIATION ADM	WA ICR
CITY OF SEATTLE/UNION PACIFIC RR R	WA ICR
V.A. MEDICAL CENTER	WA ICR
BNRR (FORMER GLACIER PARK PROPERTY	WA ICR
RASMUSSEN EQUIPMENT	WA ICR
UNION PACIFIC RAILROAD	WA ICR
SEATTLE CITY LIGHT/N. BOEING FIELD	WA ICR
BAXTER RUTHERFORD	WA ICR
BOEING - NORTH FIELD - FIRE TRAINI	WA ICR
UNOCAL #3707	WA ICR
UNOCAL #3707 (TWO REPORTS)	WA ICR
BOEING - NORTH BOEING FIELD	WA ICR
MUSEUM OF FLIGHT PROPERTY	WA ICR
BOEING FIELD - NORTH MAIN FUEL FAR	WA ICR
GALVIN FLYING SERVICES INC	WA ICR
SEATAC AIRPORT - PAN AM HANGER	WA ICR

OVERVIEW MAP - 710057.1s - The Riley Group, Inc.



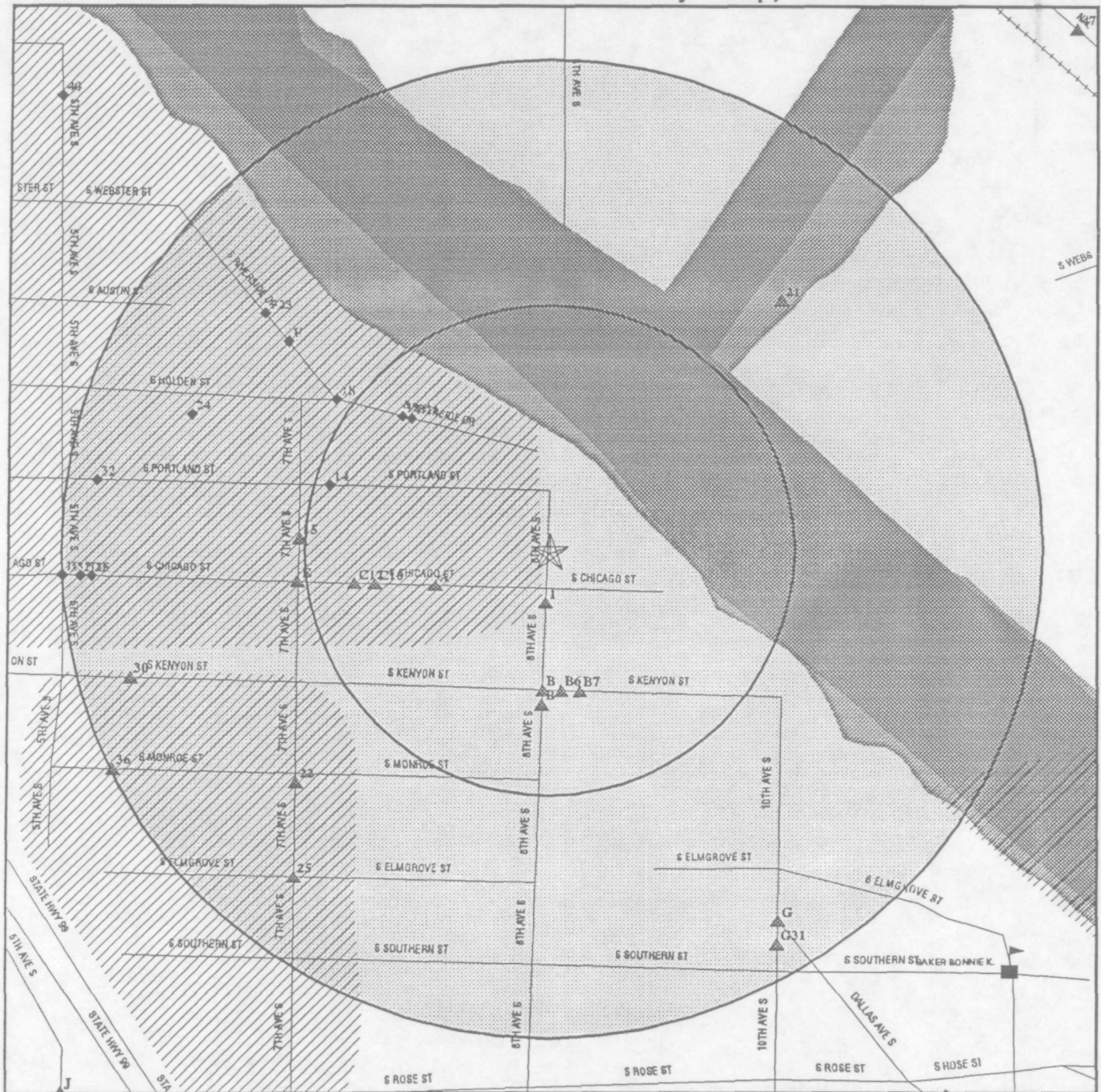
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ▨ National Priority List Sites
- ▩ Landfill Sites

- ~ Power transmission lines
- ~ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone
- ▩ Wetlands

TARGET PROPERTY: Silver Bay Logging
 ADDRESS: 7760 8th Avenue
 CITY/STATE/ZIP: Seattle WA 98108
 LAT/LONG: 47.5329 / 122.3227

CUSTOMER: The Riley Group, Inc.
 CONTACT: Lannie Smith
 INQUIRY #: 710057.1s
 DATE: December 03, 2001 5:31 pm

DETAIL MAP - 710057.1s - The Riley Group, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ⚡ Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- Wetlands

TARGET PROPERTY: Silver Bay Logging
 ADDRESS: 7760 8th Avenue
 CITY/STATE/ZIP: Seattle WA 98108
 LAT/LONG: 47.5329 / 122.3227

CUSTOMER: The Riley Group, Inc.
 CONTACT: Lannie Smith
 INQUIRY #: 710057.1s
 DATE: December 03, 2001 5:33 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	3	NR	3
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	2	NR	NR	NR	2
RCRIS Sm. Quan. Gen.		0.250	9	11	NR	NR	NR	20
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
CSCSL		1.000	1	2	9	22	NR	34
HSL		1.000	0	0	0	2	NR	2
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	1	5	11	NR	NR	17
UST		0.250	5	7	NR	NR	NR	12
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
WA ICR		0.500	2	4	29	NR	NR	35
CSCSL NFA		TP	NR	NR	NR	NR	NR	0
WA Emissions		TP	NR	NR	NR	NR	NR	0
<u>EDR PROPRIETARY DATABASES</u>								
Coal Gas		1.000	0	0	0	0	NR	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1
South
< 1/8
145
Higher

WORKBOATS NORTHWEST INC
7814 8TH AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000268099
FINDS WAD980975700

RCRIS:

Owner: Ronald Brown
(206) 583-2714
Contact: BRUCE REAGAN
(206) 767-4497

Record Date: 10/24/1995
Classification: Not reported
Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 09/14/1995
Priority of Violation: Low
Schedule Date to Achieve Compliance: 11/30/1995
Actual Date Achieved Compliance: 01/05/1996

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 09/14/1995
Priority of Violation: Low
Schedule Date to Achieve Compliance: 11/30/1995
Actual Date Achieved Compliance: 01/05/1996

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 09/14/1995
Priority of Violation: Low
Schedule Date to Achieve Compliance: 11/30/1995
Actual Date Achieved Compliance: 01/05/1996

There are 3 violation record(s) reported at this site:

Evaluation
Compliance Evaluation Inspection (CEI)

Area of Violation
Generator-All Requirements
Generator-All Requirements
Generator-All Requirements

Date of Compliance
01/05/1996
01/05/1996
01/05/1996

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

A2
WSW
< 1/8
323
Higher

INTERSTATE COATINGS
754 S CHICAGO
SEATTLE, WA 98108
Site 1 of 2 in cluster A

RCRIS-SQG 1000697065
FINDS WAD988507430
CSCSL
WA ICR

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INTERSTATE COATINGS (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000697065

RCRIS:

Owner: INTERSTATE COATINGS

Contact: MARK WILK
(206) 762-1320

Record Date: 12/31/1998

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 12/07/1998
Priority of Violation: Low
Schedule Date to Achieve Compliance: 12/23/1998
Actual Date Achieved Compliance: 12/08/1998

Enforcement Action: Written Informal
Enforcement Action Date: 12/17/1998
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 12/07/1998
Priority of Violation: Low
Schedule Date to Achieve Compliance: 12/23/1998
Actual Date Achieved Compliance: 12/08/1998

Enforcement Action: Written Informal
Enforcement Action Date: 12/17/1998
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 12/07/1998
Priority of Violation: Low
Schedule Date to Achieve Compliance: 12/23/1998
Actual Date Achieved Compliance: 12/08/1998

Enforcement Action: Written Informal
Enforcement Action Date: 12/17/1998
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 12/07/1998
Priority of Violation: Low
Schedule Date to Achieve Compliance: 01/19/1999
Actual Date Achieved Compliance: 01/19/1999

Enforcement Action: Written Informal
Enforcement Action Date: 12/17/1998
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

INTERSTATE COATINGS (Continued)

1000697065

There are 4 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	12/08/1998
	Generator-All Requirements	12/08/1998
	Generator-All Requirements	12/08/1998
	Generator-All Requirements	01/19/1999

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Biennial Reporting System (BRS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 2335
Responsible Unit: NW
Latitude: 47 31 58
Longitude: 122 19 26
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
3 - Moderate assessed risk to human health and to the environment
Affected Media: Ground Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Suspected to be present
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2335
Responsible Unit: NW
Latitude: 47 31 58
Longitude: 122 19 26
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

INTERSTATE COATINGS (Continued)

1000697065

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

3 - Moderate assessed risk to human health and to the environment

Affected Media: Surface Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2335

Responsible Unit: NW

Latitude: 47 31 58

Longitude: 122 19 26

Ecology Site Status relative to the MTCA cleanup process:

Ranked, Awaiting Remedial Action (RA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

3 - Moderate assessed risk to human health and to the environment

Affected Media: Air

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

INTERSTATE COATINGS (Continued)

1000697065

Facility ID: 2335
Responsible Unit: NW
Latitude: 47 31 58
Longitude: 122 19 26
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
3 - Moderate assessed risk to human health and to the environment
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Suspected to be present
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
WA ICR:
Date Ecology Received Report: 12/04/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-15
County Code: 17
Contact: Not reported
Report Title: Not reported

A3
WSW
< 1/8
323
Higher
INTERSTATE COATINGS, INC.
754 S CHICAGO ST
SEATTLE, WA 98108
Site 2 of 2 In cluster A

UST U003028790
LUST N/A

LUST:

Facility ID: 9194 Ecology Region: North Western
Release ID: 493842 Release Date: 12/04/1998
Release Status: CLEANUP STARTED Status Date: 09/23/1998
Alternate Name: INTERSTATE COATINGS INC
Affected Media: SOIL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

INTERSTATE COATINGS, INC. (Continued)

U003028790

UST:

Facility ID: 9194
Install Date: 4/15/1975 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

B4
South
< 1/8
379
Higher

SERVICE SPECIALTIES INC
800 S KENYON ST
SEATTLE, WA 98108

RCRIS-SQG 1000432886
FINDS WAD981764467

Site 1 of 6 in cluster B

RCRIS:

Owner: SERVICE SPECIALTIES INC
(360) 555-1212

Contact: DEAN BERTO
(206) 632-1441

Record Date: Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

B5
South
< 1/8
379
Higher

WFI
800 S KENYON
SEATTLE, WA 98108

UST U000591516
N/A

Site 2 of 6 in cluster B

UST:

Facility ID: 6933
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: CLOSED IN PLACE
Tank Name: 3
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

WFI (Continued)

U000591516

Facility ID: 6933
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: CLOSED IN PLACE
Tank Name: 4
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 6933
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: CLOSED IN PLACE
Tank Name: 1
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 6933
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: CLOSED IN PLACE
Tank Name: 2
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

B6
South
< 1/8
381
Higher

REAMCO ELECTRONICS
817 S KENYON
SEATTLE, WA 98108
Site 3 of 6 In cluster B

RCRIS-SQG 1000297046
FINDS WAD092880095

RCRIS:
Owner: REAMCO ELECTRONICS
(360) 555-1212
Contact: TEE SQUANT NEE JACK
(425) 234-5239
Record Date: Not reported
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

B7
SSE
< 1/8
391
Higher

S KENYON ST
832 S KENYON ST
SEATTLE, WA 98108
Site 4 of 6 In cluster B

RCRIS-SQG 1000199626
FINDS WAD981766181

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

S KENYON ST (Continued)

1000199626

RCRIS:

Owner: WA ECY
(360) 555-1212
Contact: LAURENCE ASHLEY
(425) 885-1900

Record Date: Not reported
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

B8 WESTFORK NELSON INCORPORATED
South 7916 8TH AVE S
< 1/8 SEATTLE, WA 98108
418
Higher Site 5 of 6 in cluster B

UST U001128423
N/A

UST:

Facility ID: 101576
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: CLOSURE IN PROCESS
Tank Name: 1
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

B9 WEST FORK NELSON
South 7918 8TH AVE S
< 1/8 SEATTLE, WA 98108
423
Higher Site 6 of 6 in cluster B

UST U001128233
N/A

UST:

Facility ID: 101151
Install Date: 12/31/1964 0:00
Capacity: 111 TO 1,000 GALLONS
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

C10 NORTHERN FREIGHT LINES INC
West 730 SO. CHICAGO STREET
< 1/8 SEATTLE, WA 98108
479
Higher Site 1 of 2 in cluster C

UST U003028740
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NORTHERN FREIGHT LINES INC (Continued)

U003028740

UST:

Facility ID: 905
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

D11
NW
< 1/8
514
Lower

LUKAS MACHINE INC
707 S RIVERSIDE DR
SEATTLE, WA 98108

RCRIS-SQG 1000157559
FINDS WAD045331063

Site 1 of 2 In cluster D

RCRIS:

Owner: LUKAS MACHINE INC
(206) 763-9282

Contact: BRENDA LUKAS
(206) 763-9282

Record Date: 12/31/1999
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

C12
West
< 1/8
532
Higher

SOUTH PARK TRUCK & TRAILER REPAIR
722 S CHICAGO ST
SEATTLE, WA 98108

RCRIS-SQG 1001491395
FINDS WA0000360198

Site 2 of 2 In cluster C

RCRIS:

Owner: SOUTH PARK TRUCK TRAILER REPAIR
(360) 555-1212

Contact: WENDY CULVER
(206) 767-2974

Record Date: 11/22/1996
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SOUTH PARK TRUCK & TRAILER REPAIR (Continued)

1001491395

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

D13
NW
< 1/8
535
Lower

HURLEN CONSTRUCTION
700 S RIVERSIDE DR
SEATTLE, WA 98108

Site 2 of 2 in cluster D

RCRIS-SQG 1000839003
FINDS WAD988518239
WA ICR

RCRIS:

Owner: HURLEN CONSTRUCTION
(360) 555-1212

Contact: SCOTT MCKELLAR
(206) 763-1230

Record Date: 01/29/1998

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

WA ICR:

Date Ecology Received Report: 04/30/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-11
County Code: 17
Contact: Not reported
Report Title: Not reported

14
WNW
< 1/8
617
Lower

HANSEN MACHINE CORP SEATTLE
712 S PORTLAND ST
SEATTLE, WA 98108

RCRIS-SQG 1000379862
FINDS WAD063375380

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

HANSEN MACHINE CORP SEATTLE (Continued)

1000379862

RCRIS:

Owner: HANSEN MACHINE CORP
(360) 555-1212

Contact: MICHAEL HANSEN
(206) 767-3775

Record Date: 11/21/1997
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

15
West
1/8-1/4
674
Same

WEST COAST WIRE ROPE RIGGING
7777 7TH AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000391701
FINDS WAD027483775

RCRIS:

Owner: WEST COAST WIRE ROPE RIGGING
(206) 767-4144

Contact: KEN BRISSETTE
(206) 767-4144

Record Date: 12/31/1999
Classification: Conditionally Exempt Small Quantity Generator
Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	09/29/1989
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	10/15/1989
Actual Date Achieved Compliance:	10/15/1989

There are 1 violation record(s) reported at this site:

Evaluation
Non-Financial Record Review

Area of Violation
Generator-All Requirements

Date of
Compliance
10/15/1989

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

E16
West
1/8-1/4
682
Higher

WASHINGTON LIFTRUCK INC
700 S CHICAGO ST
SEATTLE, WA 98108
Site 1 of 2 in cluster E

RCRIS-SQG 1000891989
FINDS WA0000261735

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WASHINGTON LIFTRUCK INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000891989

RCRIS:

Owner: WASHINGTON LIFTRUCK INC
(206) 762-2040

Contact: JOHN KURTTI
(206) 762-2040

Record Date: 12/31/1994

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

E17
West
1/8-1/4
682
Higher

OLYMPIC STEEL DOOR
7800 7TH AVE S
SEATTLE, WA 98108

UST U003710143
LUST N/A

Site 2 of 2 in cluster E

LUST:

Facility ID: 516774 Ecology Region: North Western
Release ID: 516776 Release Date: 11/01/1999
Release Status: AWAITING CLEANUP Status Date: 11/29/1999
Alternate Name: OLYMPIC STEEL DOOR (FORMERLY NW CONTRACT PKG)
Affected Media: GROUND WATER

Facility ID: 516774 Ecology Region: North Western
Release ID: 516776 Release Date: 11/01/1999
Release Status: AWAITING CLEANUP Status Date: 11/29/1999
Alternate Name: OLYMPIC STEEL DOOR (FORMERLY NW CONTRACT PKG)
Affected Media: SOIL

UST:

Facility ID: 516774
Install Date: Not reported
Capacity: 2,001 TO 4,999 GALLONS
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: OTHER PETROLEUM SUBSTANCE
Compartment #: 1
Ecology Region: North Western

18
NW
1/8-1/4
703
Lower

HURLEN CONSTRUCTION COMPANY
700 SO RIVERSIDE DR/PO BOX 90045
SEATTLE, WA 98108

UST U000595406
LUST N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

HURLEN CONSTRUCTION COMPANY (Continued)

U000595406

LUST:

Facility ID: 11414 Ecology Region: North Western
Release ID: 4756 Release Date: 04/30/1993
Release Status: CLEANUP STARTED Status Date: 06/01/1995
Alternate Name: HURLEN CONSTRUCTION
Affected Media: SOIL

Facility ID: 11414 Ecology Region: North Western
Release ID: 4756 Release Date: 04/30/1993
Release Status: REPORTED CLEANED UP Status Date: 12/06/2000
Alternate Name: HURLEN CONSTRUCTION
Affected Media: SOIL

UST:

Facility ID: 11414
Install Date: 2/1/1980 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 2
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 11414
Install Date: 2/1/1980 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

F19 CROTHAMEL PROPERTY
NW 605 S. RIVERSIDE DR.
1/8-1/4 SEATTLE, WA 98108
898
Lower Site 1 of 3 In cluster F

WA ICR S104485652
N/A

WA ICR:
Date Ecology Received Report: 03/26/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-17
County Code: 17
Contact: Not reported
Report Title: Not reported

F20 605 SO RIVERSIDE DRIVE (MILLS MOVERS)
NW 605 SO RIVERSIDE DRIVE
1/8-1/4 SEATTLE, WA 98108
898
Lower Site 2 of 3 In cluster F

UST U003025344
LUST N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

605 SO RIVERSIDE DRIVE (MILLS MOVERS) (Continued)

U003025344

LUST:

Facility ID: 10341 Ecology Region: North Western
Release ID: 510263 Release Date: 03/26/1999
Release Status: CLEANUP STARTED Status Date: 02/26/1999
Alternate Name: CROTHAMEL PROPERTY
Affected Media: SOIL

UST:

Facility ID: 10341
Install Date: 12/31/1964 0:00
Capacity: 111 TO 1,000 GALLONS
Status: EXEMPT
Tank Name: 1
Tank Material: Not reported
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

21
NE
1/8-1/4
920
Higher

DUWAMISH RIVER SLIP 4
SLIP 4 DUWAMISH RIVER
SEATTLE, WA 98108

RCRIS-SQG 1000199782
FINDS WAD980977029
CSCSL

RCRIS:

Owner: WA ECY
(360) 555-1212
Contact: GARY BRUGGER
(425) 885-1900
Record Date: Not reported
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 29959714
Responsible Unit: NW
Latitude: 47 32 51
Longitude: 122 20 18
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Sediments
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has
been confirmed by laboratory analysis (or field determination in the case of petroleum
contamination)
Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 99

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

DUWAMISH RIVER SLIP 4 (Continued)

1000199782

EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Confirmed above MTCA cleanup levels
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

22
SW
1/8-1/4
923
Higher

SEIDELHUBER IRON & BRONZE WORKS, INC.
8009 7TH AVE S
SEATTLE, WA 98108

UST U003027936
N/A

UST:

Facility ID:	687
Install Date:	12/31/1964 0:00
Capacity:	111 to 1,100 Gallons
Status:	REMOVED
Tank Name:	1
Tank Material:	Steel-Unprotected
Substance:	LEADED GASOLINE
Compartment #:	1
Ecology Region:	North Western
Facility ID:	687
Install Date:	10/1/1991 0:00
Capacity:	111 to 1,100 Gallons
Status:	OPERATIONAL
Tank Name:	2
Tank Material:	Fiberglass Reinforced Plastic
Substance:	UNLEADED GASOLINE
Compartment #:	1
Ecology Region:	North Western

F23
NW
1/8-1/4
998
Lower

DC TOOLING REPAIR
582 S RIVERSIDE DR
SEATTLE, WA 98108
Site 3 of 3 in cluster F

RCRIS-SQG 1000134075
FINDS WAD117347641

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DC TOOLING REPAIR (Continued)

1000134075

RCRIS:

Owner: DC TOOLING REPAIR
(360) 555-1212
Contact: DAVID CHAMBERLAIN
(206) 762-2722

Record Date: Not reported
Classification: Not reported
Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 09/29/1989
Priority of Violation: Low
Schedule Date to Achieve Compliance: 11/23/1989
Actual Date Achieved Compliance: 07/04/1994

There are 1 violation record(s) reported at this site:

Evaluation
Non-Financial Record Review

Area of Violation
Generator-All Requirements

Date of Compliance
07/04/1994

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

24
WNW
1/8-1/4
1030
Lower

S HOLDEN ABANDONED CONTAINER
750 BLK S HOLDEN ST AT DEADEND
SEATTLE, WA 98108

RCRIS-SQG 1000920559
FINDS WA0000463794

RCRIS:

Owner: WA STATE
(360) 555-1212
Contact: HATHOR WOODS
(425) 649-7141

Record Date: 12/31/1994
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

25
SW
1/8-1/4
1115
Higher

YALE MATERIALS HANDLING NW INC
8101 7TH AVE S
SEATTLE, WA 98108

RCRIS-SQG 1001491421
FINDS WA0000866947

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

YALE MATERIALS HANDLING NW INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001491421

RCRIS:

Owner: YALE MATERIAL HANDLING NW INC
(360) 555-1212

Contact: CURTIS ORR
(425) 251-5050

Record Date: 12/31/1996

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

G26
SSE
1/8-1/4
1178
Higher

LONG INTERSTATE A JOINT VENTUR
8025 10TH AVE S
SEATTLE, WA 98108

RCRIS-SQG
FINDS

1000232342
WAD980985451

Site 1 of 5 in cluster G

RCRIS:

Owner: LONG INTERSTATE A JOINT VENTUR
(360) 555-1212

Contact: ELLERY BERG
(206) 763-8050

Record Date: Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

G27
SSE
1/8-1/4
1178
Higher

LONG PAINTING CO
8025 10TH AVE S
SEATTLE, WA 98108

FINDS
RCRIS-LQG
CSCSL
WA ICR

1000232092
WAD044036747

Site 2 of 5 in cluster G

RCRIS:

Owner: Anne Long
(206) 763-8050

Contact: BRIAN VANCE
(206) 763-8050

Record Date: 12/31/1999

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	10365.00	D002	40.00
D006	5480.00	D007	5480.00
D008	5480.00	D010	7250.00
D018	380.00	D035	5480.00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LONG PAINTING CO (Continued)

1000232092

F003 8185.00

F005 4885.00

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 10/04/1985
Priority of Violation: Low
Schedule Date to Achieve Compliance: 12/09/1985
Actual Date Achieved Compliance: 07/04/1994
Enforcement Action: Final Formal 3008(a) Compliance Order
Enforcement Action Date: 11/07/1985
Proposed Monetary Penalty: \$ 6,000.00
Final Monetary Penalty: \$ 6,000.00

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 03/16/1994
Priority of Violation: Low
Schedule Date to Achieve Compliance: 07/15/1994
Actual Date Achieved Compliance: 03/23/1994

Enforcement Action: Written Informal
Enforcement Action Date: 06/15/1994
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 03/16/1994
Priority of Violation: Low
Schedule Date to Achieve Compliance: 07/15/1994
Actual Date Achieved Compliance: 03/23/1994

Enforcement Action: Written Informal
Enforcement Action Date: 06/15/1994
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 03/16/1994
Priority of Violation: Low
Schedule Date to Achieve Compliance: 07/15/1994
Actual Date Achieved Compliance: 03/23/1994

Enforcement Action: Written Informal
Enforcement Action Date: 06/15/1994
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 03/16/1994
Priority of Violation: Low
Schedule Date to Achieve Compliance: 07/15/1994
Actual Date Achieved Compliance: 03/23/1994

Enforcement Action: Written Informal
Enforcement Action Date: 06/15/1994

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LONG PAINTING CO (Continued)

1000232092

Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	03/16/1994
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	07/15/1994
Actual Date Achieved Compliance:	04/11/1994
Enforcement Action:	Written Informal
Enforcement Action Date:	06/15/1994
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	03/16/1994
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	07/15/1994
Actual Date Achieved Compliance:	06/27/1994
Enforcement Action:	Written Informal
Enforcement Action Date:	06/15/1994
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	03/16/1994
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	07/15/1994
Actual Date Achieved Compliance:	04/11/1994
Enforcement Action:	Written Informal
Enforcement Action Date:	06/15/1994
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	03/16/1994
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	07/15/1994
Actual Date Achieved Compliance:	03/23/1994
Enforcement Action:	Written Informal
Enforcement Action Date:	06/15/1994
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	09/18/1996
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	12/16/1996
Actual Date Achieved Compliance:	09/19/1996
Enforcement Action:	Written Informal
Enforcement Action Date:	10/24/1996
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LONG PAINTING CO (Continued)

1000232092

Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	09/18/1996
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	12/16/1996
Actual Date Achieved Compliance:	09/19/1996
Enforcement Action:	Written Informal
Enforcement Action Date:	10/24/1996
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	05/07/1999
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	05/18/1999
Actual Date Achieved Compliance:	05/14/1999
Enforcement Action:	Written Informal
Enforcement Action Date:	05/14/1999
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	05/07/1999
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	06/18/1999
Actual Date Achieved Compliance:	06/17/1999
Enforcement Action:	Written Informal
Enforcement Action Date:	05/14/1999
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	05/07/1999
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	05/18/1999
Actual Date Achieved Compliance:	05/15/1999
Enforcement Action:	Written Informal
Enforcement Action Date:	05/14/1999
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	05/07/1999
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	05/18/1999
Actual Date Achieved Compliance:	05/14/1999
Enforcement Action:	Written Informal
Enforcement Action Date:	05/14/1999
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LONG PAINTING CO (Continued)

1000232092

Date Violation Determined: 05/07/1999
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/18/1999
Actual Date Achieved Compliance: 05/14/1999

Enforcement Action: Written Informal
Enforcement Action Date: 05/14/1999
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 05/07/1999
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/18/1999
Actual Date Achieved Compliance: 05/14/1999

Enforcement Action: Written Informal
Enforcement Action Date: 05/14/1999
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

There are 17 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	05/14/1999
	Generator-All Requirements	06/17/1999
	Generator-All Requirements	05/15/1999
	Generator-All Requirements	05/14/1999
	Generator-All Requirements	05/14/1999
	Generator-All Requirements	05/14/1999
Other Evaluation	Generator-All Requirements	09/19/1996
	Generator-All Requirements	09/19/1996
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	03/23/1994
	Generator-All Requirements	03/23/1994
	Generator-All Requirements	03/23/1994
	Generator-All Requirements	03/23/1994
	Generator-All Requirements	04/11/1994
	Generator-All Requirements	06/27/1994
	Generator-All Requirements	04/11/1994
	Generator-All Requirements	03/23/1994
Other Evaluation	Generator-All Requirements	07/04/1994

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Biennial Reporting System (BRS)
Facility Registry System (FRS)
National Emissions Trends (NET)
Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 71678662
Responsible Unit: NW
Latitude: 47 31 48
Longitude: 122 19 17
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LONG PAINTING CO (Continued)

1000232092

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Surface Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Suspected to be present
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 71678662
Responsible Unit: NW
Latitude: 47 31 48
Longitude: 122 19 17

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Sediments
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Suspected to be present
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LONG PAINTING CO (Continued)

1000232092

Facility ID: 71678662

Responsible Unit: NW

Latitude: 47 31 48

Longitude: 122 19 17

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 4

EPA Priority Pollutants - Metals and Cyanide: Suspected to be present

Metals - Other non-priority pollutant metals: Suspected to be present

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Suspected to be present

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Suspected to be present

Dioxin: Not reported

Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Reactive Wastes: Not reported

Corrosive Wastes: Not reported

Radioactive Wastes: Not reported

Asbestos: Not reported

Conventional Contaminants, Organic: Not reported

Conventional Contaminants, Inorganic: Not reported

WA ICR:

Date Ecology Received Report: 11/02/1999

Contaminants Found at Site: Metals

Media Contaminated: Surface water, Soil

Cause of Contamination: Not reported

Region: North Western

Type of Report Ecology Received: Interim cleanup report

Site Register Issue: 98-19

County Code: 17

Contact: Not reported

Report Title: Not reported

G28 LONG PAINTING COMPANY
SSE 8025 10TH AVE S
1/8-1/4 SEATTLE, WA 98108
1178
Higher Site 3 of 5 in cluster G

UST U003027410
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LONG PAINTING COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003027410

UST:

Facility ID: 5585
Install Date: 8/15/1978 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: 2
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 5585
Install Date: 11/5/1998 0:00
Capacity: Not reported
Status: OPERATIONAL
Tank Name: 4
Tank Material: Steel Clad with Fiberglass
Substance: Diesel
Compartment #: 1
Ecology Region: North Western

Facility ID: 5585
Install Date: 8/15/1978 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 5585
Install Date: 11/5/1998 0:00
Capacity: Not reported
Status: OPERATIONAL
Tank Name: 3
Tank Material: Steel Clad with Fiberglass
Substance: Unleaded Gasoline
Compartment #: 1
Ecology Region: North Western

G29
SSE
1/8-1/4
1178
Higher

LONG PAINTING CO
8025 10TH AV S
SEATTLE, WA 98108
Site 4 of 5 in cluster G

HAZNET S104584300
N/A

HAZNET:

Gepaid: WAD044036747
Tepaid: CAD009452657
Gen County: 99
Tsd County: San Mateo
Tons: 3.2771
Category: Other organic solids
Disposal Method: Recycler
Contact: TY LONG
Telephone: (206) 763-8050
Mailing Address: 8025 10TH AVE S

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LONG PAINTING CO (Continued)

S104584300

County SEATTLE, WA 98108 - 4405
99
Gepaid: WAD044036747
Tepaid: CAD009452657
Gen County: 99
Tsd County: San Mateo
Tons: 4.7739
Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: TY LONG
Telephone: (206) 763-8050
Mailing Address: 8025 10TH AVE S
 SEATTLE, WA 98108 - 4405
County 99
Gepaid: WAD044036747
Tepaid: CAD009452657
Gen County: 99
Tsd County: San Mateo
Tons: 3.2108
Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: TY LONG
Telephone: (206) 763-8050
Mailing Address: 8025 10TH AVE S
 SEATTLE, WA 98108 - 4405
County 99
Gepaid: WAD044036747
Tepaid: CAD009452657
Gen County: 99
Tsd County: San Mateo
Tons: 21.8195
Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: TY LONG
Telephone: (206) 763-8050
Mailing Address: 8025 10TH AVE S
 SEATTLE, WA 98108 - 4405
County 99
Gepaid: WAD044036747
Tepaid: CAD009452657
Gen County: 99
Tsd County: San Mateo
Tons: .9200
Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Contact: TY LONG
Telephone: (206) 763-8050
Mailing Address: 8025 10TH AVE S
 SEATTLE, WA 98108 - 4405
County 99

The CA HAZNET database contains 57 additional records for this site.
Please contact your EDR Account Executive for more information.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

30
WSW
1/8-1/4
1178
Higher

MARINE LUMBER SERVICE - SHOP
558 S KENYON ST
SEATTLE, WA 98108

Database(s)
EDR ID Number
EPA ID Number

UST
LUST
WA ICR
U002038025
N/A

LUST:

Facility ID: 102380 Ecology Region: North Western
Release ID: 5481 Release Date: 06/28/1994
Release Status: CLEANUP STARTED Status Date: 06/01/1995
Alternate Name: MARINE LUMBER SERVICE S KENYON
Affected Media: GROUND WATER

Facility ID: 102380 Ecology Region: North Western
Release ID: 5481 Release Date: 06/28/1994
Release Status: CLEANUP STARTED Status Date: 06/01/1995
Alternate Name: MARINE LUMBER SERVICE S KENYON
Affected Media: SOIL

WA ICR:

Date Ecology Received Report: 06/28/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-36
County Code: 17
Contact: Not reported
Report Title: Not reported

UST:

Facility ID: 102380
Install Date: 7/15/1982 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 3
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 102380
Install Date: 7/15/1982 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 4
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

G31
SSE
1/8-1/4
1232
Higher

SHAWNEE PAINTING SANDBLASTIN
8107 10TH AVE S
SEATTLE, WA 98108
Site 5 of 5 In cluster G

RCRIS-SQG
FINDS
1000437912
WAD076630409

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SHAWNEE PAINTING SANDBLASTIN (Continued)

1000437912

RCRIS:

Owner: SHAWNEE PAINTING SANDBLASTIN
(360) 555-1212

Contact: DAN GAMBA
(206) 763-8050

Record Date: Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

32
West
1/8-1/4
1235
Lower

PIPE SPECIALITIES INC
531 S PORTLAND
SEATTLE, WA 98108

RCRIS-SQG 1000198656
FINDS WAD081489551

RCRIS:

Owner: PIPE SPECIALITIES INC
(360) 555-1212

Contact: THOMAS STUDER
(206) 762-5011

Record Date: Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

H33
West
1/8-1/4
1236
Lower

MARINE LUMBER SERVICE INC.
525 S CHICAGO ST /PO BOX 80964
SEATTLE, WA 98108

LUST S104155736
N/A

Site 1 of 4 in cluster H

LUST:

Facility ID: 11327

Ecology Region: North Western

Release ID: 5286

Release Date: 06/03/1994

Release Status: CLEANUP STARTED

Status Date: 06/01/1995

Alternate Name: MARINE LUMBER SERVICE CHICAGO

Affected Media: SOIL

H34
West
1/8-1/4
1240
Lower

MARINE LUMBER SERVICE INC.
525 S CHICAGO ST /PO BOX 80964
SEATTLE, WA 98108

UST U000802483
WA ICR N/A

Site 2 of 4 in cluster H

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MARINE LUMBER SERVICE INC. (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000802483

WA ICR:

Date Ecology Received Report: 06/28/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-36
County Code: 17
Contact: Not reported
Report Title: Not reported

UST:

Facility ID: 11327
Install Date: 7/15/1982 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 2
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 11327
Install Date: 7/15/1973 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

H35
West
1/8-1/4
1267
Lower

MILL ENGINEERING & SUPPLY CO
516 S CHICAGO
SEATTLE, WA 98108
Site 3 of 4 in cluster H

RCRIS-SQG 1000274152
FINDS WAD009241142

RCRIS:

Owner: MILL ENGINEERING & SUPPLY CO
Contact: HAZ-WASTE MGR
(206) 575-0450

Record Date: 11/04/1994
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
36 WSW 1/8-1/4 1312 Higher BROWN ENGINEERING 550 S MONROE ST SEATTLE, WA 98108	FINDS RCRIS-LQG	1001491121 WAH000007120

RCRIS:

Owner: BROWN ENGINEERING
(360) 555-1212

Contact: LISA FARIN

Record Date: 12/17/1998

Classification: Large Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

H37 West 1/8-1/4 1317 Lower ROGERS MACHINERY CO INC 7800 5TH AVE S SEATTLE, WA 98108	RCRIS-SQG FINDS	1001820008 WAD988509386
Site 4 of 4 in cluster H		

RCRIS:

Owner: ROGERS MACHINERY CO INC

Contact: MICHAEL PROULX
(206) 763-2530

Record Date: 12/31/1999

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

I38 North 1/4-1/2 1630 Lower PUGET SOUND TRUCK SEATTLE 7303 8TH AVE. S. SEATTLE, WA 98108	WA ICR	S104487279 N/A
Site 1 of 2 in cluster I		

WA ICR:

Date Ecology Received Report: 06/12/1991
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 92-01
County Code: 17
Contact: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PUGET SOUND TRUCK SEATTLE (Continued)

EDR ID Number
EPA ID Number

Database(s)

Report Title: Not reported

S104487279

I39
North
1/4-1/2
1630
Lower

PUGET SOUND TRUCK LINES INC
7303 8TH AVENUE SOUTH
SEATTLE, WA 98108

UST U003028285
LUST N/A

Site 2 of 2 in cluster 1

LUST:

Facility ID: 7820 Ecology Region: North Western
Release ID: 2352 Release Date: 06/12/1991
Release Status: CLEANUP STARTED Status Date: 06/12/1991
Alternate Name: PUGET SOUND TRUCK SEATTLE
Affected Media: SOIL

Facility ID: 7820 Ecology Region: North Western
Release ID: 2352 Release Date: 06/12/1991
Release Status: REPORTED CLEANED UP Status Date: 09/27/1995
Alternate Name: PUGET SOUND TRUCK SEATTLE
Affected Media: SOIL

UST:

Facility ID: 7820
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7820
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7820
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PUGET SOUND TRUCK LINES INC (Continued)

U003028285

Facility ID: 7820
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

40
NW
1/4-1/2
1804
Lower

FERGUSON CONSTRUCTION
7433 5TH AVE S
SEATTLE, WA 98108

UST U003665840
CSCSL NFA N/A
WA ICR

WA NFA:

Facility/Site Id : 3565459
Ecology Status : Independent Remedial Action
Independent Status Code : Final Independent RA Report received
WARM Bin Number : Not reported
NFA Code : NFA after Assesment IRAP or VCP
NFA Date : 05/29/1996 00:00:00

WA ICR:

Date Ecology Received Report: 09/20/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-04
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/24/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 95-16
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 09/19/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-17
County Code: 17
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FERGUSON CONSTRUCTION (Continued)

Database(s)
EDR ID Number
EPA ID Number

U003665840

UST:

Facility ID: 200658
Install Date: Not reported
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

41
WNW
1/4-1/2
1819
Lower

ATC DISTRIBUTION GROUP
401 S WEBSTER
SEATTLE, WA 98108

RCRIS-SQG 1000123970
FINDS WAD988466710
UST
LUST
WA ICR

RCRIS:

Owner: RPM MERIT
(360) 555-1212
Contact: RON FOWLER
(206) 764-4646

Record Date: 01/19/1999
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Facility ID: 2703 Ecology Region: North Western
Release ID: 5411 Release Date: 08/19/1994
Release Status: CLEANUP STARTED Status Date: 06/01/1995
Alternate Name: RPM MERIT
Affected Media: GROUND WATER

Facility ID: 2703 Ecology Region: North Western
Release ID: 5411 Release Date: 08/19/1994
Release Status: CLEANUP STARTED Status Date: 06/01/1995
Alternate Name: RPM MERIT
Affected Media: SOIL

WA ICR:

Date Ecology Received Report: 08/19/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-34
County Code: 17
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ATC DISTRIBUTION GROUP (Continued)

1000123970

UST:

Facility ID: 2703
Install Date: 12/31/1964 0:00
Capacity: 2,001 TO 4,999 GALLONS
Status: REMOVED
Tank Name: A
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 2703
Install Date: 12/31/1964 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: REMOVED
Tank Name: B
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

42
West
1/4-1/2
1941
Lower

GLITSA AMERICAN INCORPORATED
327 SOUTH KENYON STREET
SEATTLE, WA 98108

UST U003027657
LUST N/A

LUST:

Facility ID: 6178 Ecology Region: North Western
Release ID: 3910 Release Date: 09/02/1992
Release Status: CLEANUP STARTED Status Date: 06/01/1995
Alternate Name: GLITSA AMERICAN INC
Affected Media: SOIL

UST:

Facility ID: 6178
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: CLOSED IN PLACE
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

J43
SW
1/4-1/2
1963
Higher

MANITOWAK WESTERN
8250 5TH AVE S
SEATTLE, WA 98108

CSCSL S101856276
N/A

Site 1 of 2 in cluster J

SHWS:

Facility ID: 2430
Responsible Unit: NW
Latitude: 47 31 44
Longitude: 122 19 41
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MANITOWAK WESTERN (Continued)

S101856276

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Ground Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2430

Responsible Unit: NW

Latitude: 47 31 44

Longitude: 122 19 41

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MANITOWAK WESTERN (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101856276

Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

J44
SW
1/4-1/2
1963
Higher

MANITOWAK WESTERN
8250 5TH AVE S
SEATTLE, WA 98108

RCRIS-SQG 1001092048
FINDS WAR000006940
WA ICR

Site 2 of 2 in cluster J

RCRIS:

Owner: MANITOWOC WESTERN
(360) 555-1212

Contact: WAYNE CULVER
(206) 762-9011

Record Date: Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

WA ICR:

Date Ecology Received Report: 12/08/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 94-22
County Code: 17
Contact: Not reported
Report Title: Not reported

K45
NE
1/4-1/2
1988
Higher

VIC MARKOV TIRE CO.
7300 E MARGINAL WY SO
SEATTLE, WA 98108

UST U003028463
LUST N/A

Site 1 of 2 in cluster K

LUST:

Facility ID: 8342 Ecology Region: North Western
Release ID: 4431 Release Date: 05/19/1993
Release Status: CLEANUP STARTED Status Date: 05/19/1993
Alternate Name: KING CO AIRPORT OLD GAS STATION
Affected Media: GROUND WATER

Facility ID: 8342 Ecology Region: North Western
Release ID: 4431 Release Date: 05/19/1993
Release Status: MONITORING Status Date: 06/01/1995
Alternate Name: KING CO AIRPORT OLD GAS STATION
Affected Media: GROUND WATER

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

VIC MARKOV TIRE CO. (Continued)

U003028463

UST:

Facility ID: 8342
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 5
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 8342
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8342
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8342
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8342
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

K46
NE
1/4-1/2
1988
Higher
KING COUNTY AIRPORT (OLD GAS STATION)
7300 E. MARGINAL WAY S.
SEATTLE, WA 98108
Site 2 of 2 In cluster K
WA ICR:

WA ICR S104486991
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KING COUNTY AIRPORT (OLD GAS STATION) (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104486991

Date Ecology Received Report: 05/21/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-07
County Code: 17
Contact: Not reported
Report Title: Not reported

47
NE
1/4-1/2
1989
Higher

EVERGREEN MARINE LEASING
7343 E MARGINAL WAY
SEATTLE, WA 98108

UST U003027782
CSCSL NFA N/A
WA ICR

WA NFA:

Facility/Site Id : 2462
Ecology Status : Independent Remedial Action
Independent Status Code : Final Independent RA Report received
WARM Bin Number : Not reported
NFA Code : NFA after Assessment IRAP or VCP
NFA Date : 10/21/1997 00:00:00

WA ICR:

Date Ecology Received Report: 03/09/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-03
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 03/09/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-04
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/24/1991
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-10
County Code: 17
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EVERGREEN MARINE LEASING (Continued)

U003027782

UST:

Facility ID: 6485
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: CLOSED IN PLACE
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 6485
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: CLOSED IN PLACE
Tank Name: 1 FENCE
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

48
NE
1/4-1/2
2003
Higher

BOEING NORTH FIELD
7370 E MARGINAL WAY S
SEATTLE, WA 98108

CSCSL S102363853
N/A

SHWS:

Facility ID: 2050
Responsible Unit: NW
Latitude: 47 32 20
Longitude: 122 19 14

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

5 - Lowest assessed risk to human health and to the environment

Affected Media: Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Suspected to be present
Polychlorinated biPhenyls (PCBs):	Confirmed above MTCA cleanup levels
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Suspected to be present
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Confirmed above MTCA cleanup levels
Radioactive Wastes:	Not reported
Asbestos:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

BOEING NORTH FIELD (Continued)

S102363853

Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels

Facility ID: 2050
Responsible Unit: NW
Latitude: 47 32 20
Longitude: 122 19 14

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

5 - Lowest assessed risk to human health and to the environment

Affected Media: Surface Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Suspected to be present
Polychlorinated biPhenyls (PCBs): Suspected to be present
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Suspected to be present
Dioxin: Suspected to be present
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Suspected to be present
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Suspected to be present

Facility ID: 2050
Responsible Unit: NW
Latitude: 47 32 20
Longitude: 122 19 14

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

5 - Lowest assessed risk to human health and to the environment

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Suspected to be present
Polychlorinated biPhenyls (PCBs): Suspected to be present
Pesticides: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BOEING NORTH FIELD (Continued)

S102363853

Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Suspected to be present
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Confirmed above MTCA cleanup levels
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Confirmed above MTCA cleanup levels

Facility ID: 2050

Responsible Unit: NW

Latitude: 47 32 20

Longitude: 122 19 14

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

5 - Lowest assessed risk to human health and to the environment

Affected Media: Sediments

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Suspected to be present
Polychlorinated biPhenyls (PCBs):	Confirmed above MTCA cleanup levels
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

STERNOFF METALS (Continued)

S104320391

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

5 - Lowest assessed risk to human health and to the environment

Affected Media: Surface Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Suspected to be present
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2057

Responsible Unit: NW

Latitude: 47 32 20

Longitude: 122 19 14

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

5 - Lowest assessed risk to human health and to the environment

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Confirmed above MTCA cleanup levels
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

STERNOFF METALS (Continued)

S104320391

Facility ID: 2057
Responsible Unit: NW
Latitude: 47 32 20
Longitude: 122 19 14
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
5 - Lowest assessed risk to human health and to the environment
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

L50
NNE
1/4-1/2
2081
Higher

ARCO #5218
7200 E. MARGINAL WAY S.
SEATTLE, WA 98108

WA ICR 1000838681
N/A

Site 2 of 4 in cluster L

WA ICR:

Date Ecology Received Report: / /
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-13
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/08/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-17

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARCO #5218 (Continued)

1000838681

County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/26/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-13
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/30/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-15
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 09/23/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-19
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 06/09/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-28
County Code: 17
Contact: Not reported
Report Title: First & Second Quarters Ground Water Monitoring

Date Ecology Received Report: 03/03/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-28
County Code: 17
Contact: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARCO #5218 (Continued)

1000838681

Report Title:	Third & Fourth Quarters Ground Water Monitoring 1999
Date Ecology Received Report:	10/26/1993
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-20
County Code:	17
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	02/18/1994
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-21
County Code:	17
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	06/15/1994
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-03
County Code:	17
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	06/08/1995
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-03
County Code:	17
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	01/22/1996
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	94-27
County Code:	17
Contact:	Not reported
Report Title:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ARCO #5218 (Continued)

1000838681

Date Ecology Received Report: 02/28/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-35
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/19/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-41
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 02/25/1997
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-53
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 11/06/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-32
County Code: 17
Contact: Not reported
Report Title: Third & Fourth Quarters Ground Water Monitoring

Date Ecology Received Report: 05/24/2001
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-37
County Code: 17
Contact: Not reported
Report Title: First & Second Quarters 2001 Ground Water Monitoring

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
L51 NNE 1/4-1/2 2081 Higher	STERNOFF METALS (FORMER) (TWO REPORTS) 7201 E. MARGINAL WAY S. SEATTLE, WA 98108 Site 3 of 4 in cluster L WA ICR: Date Ecology Received Report: 06/07/1999 Contaminants Found at Site: PCB's Petroleum products Media Contaminated: Groundwater, Soil Cause of Contamination: Not reported Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 98-17 County Code: 17 Contact: Not reported Report Title: Not reported	WA ICR	S104485687 N/A
L52 NNE 1/4-1/2 2081 Higher	ATLANTIC RICHFIELD COMPANY 7200 E MARGINAL WAY S SEATTLE, WA 98108 Site 4 of 4 in cluster L LUST: Facility ID: 8788 Ecology Region: North Western Release ID: 4609 Release Date: 08/30/1993 Release Status: CLEANUP STARTED Status Date: 02/08/1994 Alternate Name: ARCO STATION # 5218 Affected Media: GROUND WATER Facility ID: 8788 Ecology Region: North Western Release ID: 4609 Release Date: 08/30/1993 Release Status: AWAITING CLEANUP Status Date: 06/01/1995 Alternate Name: ARCO STATION # 5218 Affected Media: GROUND WATER Facility ID: 8788 Ecology Region: North Western Release ID: 4609 Release Date: 08/30/1993 Release Status: MONITORING Status Date: 09/06/1996 Alternate Name: ARCO STATION # 5218 Affected Media: GROUND WATER Facility ID: 8788 Ecology Region: North Western Release ID: 4609 Release Date: 08/30/1993 Release Status: CLEANUP STARTED Status Date: 02/08/1994 Alternate Name: ARCO STATION # 5218 Affected Media: SOIL Facility ID: 8788 Ecology Region: North Western Release ID: 4609 Release Date: 08/30/1993 Release Status: AWAITING CLEANUP Status Date: 06/01/1995 Alternate Name: ARCO STATION # 5218 Affected Media: SOIL	UST LUST	U001125619 N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ATLANTIC RICHFIELD COMPANY (Continued)

U001125619

Facility ID: 8788 Ecology Region: North Western
Release ID: 4609 Release Date: 08/30/1993
Release Status: MONITORING Status Date: 09/06/1996
Alternate Name: ARCO STATION # 5218
Affected Media: SOIL

UST:

Facility ID: 8788
Install Date: 3/1/1985 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: OPERATIONAL
Tank Name: 1
Tank Material: Fiberglass Reinforced Plastic
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8788
Install Date: 3/1/1985 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: OPERATIONAL
Tank Name: 2
Tank Material: Fiberglass Reinforced Plastic
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8788
Install Date: 3/1/1985 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: OPERATIONAL
Tank Name: 3
Tank Material: Fiberglass Reinforced Plastic
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

53
ENE
1/4-1/2
2135
Higher

AIRCO WELDING PRODUCTS
7700 14TH AV S
SEATTLE, WA 98108

RCRIS-SQG 1000178275
FINDS WAD097818983
TSCA
CERC-NFRAP
WA ICR

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Non NPL Code: NFRAP
Ownership Status: Other

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT

Completed: 12/13/1979
Completed: 05/08/1985

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AIRCO WELDING PRODUCTS (Continued)

1000178275

RCRIS:

Owner: BOC GASES
Contact: BRIAN FERGUSON
(206) 767-3888
Record Date: 12/31/1999
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Risk Management Plans (RMP)
Toxic Chemical Release Inventory System (TRIS)

WA ICR:

Date Ecology Received Report: 03/11/1998
Contaminants Found at Site: Metals
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Not reported
Site Register Issue: 98-01
County Code: 17
Contact: Not reported
Report Title: Not reported

M54
SE
1/4-1/2
2139
Higher

SPENCER INDUSTRIES, INC.
8410 DALLAS AVE. S.
SEATTLE, WA 98104
Site 1 of 2 in cluster M

WA ICR S104485439
N/A

WA ICR:

Date Ecology Received Report: 04/02/1999
Contaminants Found at Site: Chlorinated solvents
Media Contaminated: Groundwater
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-14
County Code: 17
Contact: Not reported
Report Title: Not reported

M55
SE
1/4-1/2
2139
Higher

SPENCER INDUSTRIES INC
8410 DALLAS AVE S
SEATTLE, WA 98108
Site 2 of 2 in cluster M

RCRIS-SQG 1000308172
FINDS WAD009482456
CSCSL

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

SPENCER INDUSTRIES INC (Continued)

1000308172

RCRIS:

Owner: SPENCER INDUSTRIES INC
Contact: JAMES MCGOWAN
(206) 763-1000
Record Date: 12/31/1998
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 13132191
Responsible Unit: NW
Latitude: 47 31 42
Longitude: 122 19 2
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has
been confirmed by laboratory analysis (or field determination in the case of petroleum
contamination)
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 99
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 13132191
Responsible Unit: NW
Latitude: 47 31 42
Longitude: 122 19 2
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SPENCER INDUSTRIES INC (Continued)

1000308172

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Soil
Media Status: B (Below) - The presence of hazardous substances below MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum products). The B code may only be applied following completion of analytical work in conjunction with a Site Hazard Assessment (SHA) or Remedial Investigation/Feasibility Study (RI/FS)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Below MTCA cleanup levels
Horizontal Collection Method:	99
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

N56
ENE
1/4-1/2
2188
Higher

NORTH BOEING FIELD
7500 E MARGINAL WAY S
SEATTLE, WA 98108
Site 1 of 3 in cluster N

UST
LUST
U003028460
N/A

LUST:

Facility ID:	8338	Ecology Region:	North Western
Release ID:	2558	Release Date:	09/14/1989
Release Status:	CLEANUP STARTED	Status Date:	/ /
Alternate Name:	BOEING NORTH FIELD DELIVERY		
Affected Media:	GROUND WATER		

Facility ID:	8338	Ecology Region:	North Western
Release ID:	2558	Release Date:	09/14/1989
Release Status:	REPORTED CLEANED UP	Status Date:	05/10/1993
Alternate Name:	BOEING NORTH FIELD DELIVERY		
Affected Media:	GROUND WATER		

Facility ID:	8338	Ecology Region:	North Western
Release ID:	5292	Release Date:	05/17/1994
Release Status:	REPORTED CLEANED UP	Status Date:	04/15/1994
Alternate Name:	BOEING N FIELD GREEN HORNET AREA		
Affected Media:	GROUND WATER		

Facility ID:	8338	Ecology Region:	North Western
Release ID:	5290	Release Date:	05/17/1994
Release Status:	CLEANUP STARTED	Status Date:	05/17/1994
Alternate Name:	BOEING N FIELD F & G FACILITY		
Affected Media:	GROUND WATER		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTH BOEING FIELD (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003028460

Facility ID: 8338 Ecology Region: North Western
Release ID: 5290 Release Date: 05/17/1994
Release Status: REPORTED CLEANED UP Status Date: 10/24/1994
Alternate Name: BOEING N FIELD F & G FACILITY
Affected Media: GROUND WATER

Facility ID: 8338 Ecology Region: North Western
Release ID: 5292 Release Date: 05/17/1994
Release Status: CLEANUP STARTED Status Date: 06/01/1995
Alternate Name: BOEING N FIELD GREEN HORNET AREA
Affected Media: GROUND WATER

Facility ID: 8338 Ecology Region: North Western
Release ID: 5290 Release Date: 05/17/1994
Release Status: REPORTED CLEANED UP Status Date: 06/01/1995
Alternate Name: BOEING N FIELD F & G FACILITY
Affected Media: GROUND WATER

Facility ID: 8338 Ecology Region: North Western
Release ID: 2558 Release Date: 09/14/1989
Release Status: CLEANUP STARTED Status Date: / /
Alternate Name: BOEING NORTH FIELD DELIVERY
Affected Media: SOIL

Facility ID: 8338 Ecology Region: North Western
Release ID: 2558 Release Date: 09/14/1989
Release Status: REPORTED CLEANED UP Status Date: 05/10/1993
Alternate Name: BOEING NORTH FIELD DELIVERY
Affected Media: SOIL

Facility ID: 8338 Ecology Region: North Western
Release ID: 5292 Release Date: 05/17/1994
Release Status: REPORTED CLEANED UP Status Date: 04/15/1994
Alternate Name: BOEING N FIELD GREEN HORNET AREA
Affected Media: SOIL

Facility ID: 8338 Ecology Region: North Western
Release ID: 5290 Release Date: 05/17/1994
Release Status: CLEANUP STARTED Status Date: 05/17/1994
Alternate Name: BOEING N FIELD F & G FACILITY
Affected Media: SOIL

Facility ID: 8338 Ecology Region: North Western
Release ID: 5290 Release Date: 05/17/1994
Release Status: REPORTED CLEANED UP Status Date: 10/24/1994
Alternate Name: BOEING N FIELD F & G FACILITY
Affected Media: SOIL

Facility ID: 8338 Ecology Region: North Western
Release ID: 5628 Release Date: 02/01/1995
Release Status: REPORTED CLEANED UP Status Date: 01/30/1995
Alternate Name: BOEING NORTH FIELD BLDG 3-374
Affected Media: SOIL

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTH BOEING FIELD (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003028460

Facility ID: 8338 Ecology Region: North Western
Release ID: 5628 Release Date: 02/01/1995
Release Status: CLEANUP STARTED Status Date: 02/01/1995
Alternate Name: BOEING NORTH FIELD BLDG 3-374
Affected Media: SOIL

Facility ID: 8338 Ecology Region: North Western
Release ID: 5292 Release Date: 05/17/1994
Release Status: CLEANUP STARTED Status Date: 06/01/1995
Alternate Name: BOEING N FIELD GREEN HORNET AREA
Affected Media: SOIL

Facility ID: 8338 Ecology Region: North Western
Release ID: 5290 Release Date: 05/17/1994
Release Status: REPORTED CLEANED UP Status Date: 06/01/1995
Alternate Name: BOEING N FIELD F & G FACILITY
Affected Media: SOIL

UST:

Facility ID: 8338
Install Date: 1/31/1986 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: BF-36
Tank Material: Coated Steel
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 12/31/1964 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: CLOSED IN PLACE
Tank Name: BF-27
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: BF-30
Tank Material: Steel-Unprotected
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NORTH BOEING FIELD (Continued)

U003028460

Facility ID: 8338
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: EXEMPT
Tank Name: UBF-25
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: BF-25
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 11/30/1986 0:00
Capacity: 5,000 TO 9,999 GALLONS
Status: OPERATIONAL
Tank Name: BF-05
Tank Material: Coated Steel
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 11/30/1986 0:00
Capacity: 5,000 TO 9,999 GALLONS
Status: OPERATIONAL
Tank Name: BF-06
Tank Material: Coated Steel
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 11/30/1967 0:00
Capacity: 20,000 TO 29,999 GALLONS
Status: EXEMPT
Tank Name: BF-22
Tank Material: Steel-Unprotected
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

NORTH BOEING FIELD (Continued)

U003028460

Facility ID: 8338
Install Date: 11/30/1967 0:00
Capacity: 20,000 TO 29,999 GALLONS
Status: EXEMPT
Tank Name: BF-23
Tank Material: Steel-Unprotected
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 1/1/1988 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: REMOVED
Tank Name: BF-26
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: BF-40
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 11/30/1953 0:00
Capacity: 30,000 TO 49,999 GALLONS
Status: REMOVED
Tank Name: BF-01
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 11/30/1953 0:00
Capacity: 30,000 TO 49,999 GALLONS
Status: REMOVED
Tank Name: BF-02
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTH BOEING FIELD (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003028460

Facility ID: 8338
Install Date: 11/30/1953 0:00
Capacity: 30,000 TO 49,999 GALLONS
Status: REMOVED
Tank Name: BF-03
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 12/31/1964 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: BF-07
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 12/31/1964 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: BF-08
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 12/31/1964 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: BF-09
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 10/30/1950 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: BF-10
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTH BOEING FIELD (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003028460

Facility ID: 8338
Install Date: 11/30/1950 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: BF-11
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 11/30/1950 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: BF-12
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 11/30/1950 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: BF-13
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 11/30/1951 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: BF-14
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 11/30/1951 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: BF-15
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NORTH BOEING FIELD (Continued)

U003028460

Facility ID: 8338
Install Date: 11/30/1951 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: BF-16
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 11/30/1951 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: BF-17
Tank Material: Steel-Unprotected
Substance: AVIATION FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 12/31/1964 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: REMOVED
Tank Name: BF-61
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 1/1/1989 0:00
Capacity: 2,001 TO 4,999 GALLONS
Status: OPERATIONAL
Tank Name: UBF-61
Tank Material: COATED STEEL
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 11/30/1986 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: OPERATIONAL
Tank Name: BF-04
Tank Material: Coated Steel
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTH BOEING FIELD (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003028460

Facility ID: 8338
Install Date: 12/31/1964 0:00
Capacity: 5,000 TO 9,999 GALLONS
Status: REMOVED
Tank Name: BF-60
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 12/31/1964 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: CLOSED IN PLACE
Tank Name: BF-24
Tank Material: Steel-Unprotected
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 8338
Install Date: 12/31/1964 0:00
Capacity: 5,000 TO 9,999 GALLONS
Status: CLOSED IN PLACE
Tank Name: BF-46
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

N57 BOEING/NORTH BOEING FIELD BUILDING 3-333 SITE
ENE 7500 E. MARGINAL WAY S.
1/4-1/2 SEATTLE, WA 98104
2188
Higher Site 2 of 3 In cluster N

WA ICR S104484975
N/A

WA ICR:

Date Ecology Received Report: 02/25/1997
Contaminants Found at Site: PCB's
Solvents
Media Contaminated: Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-04
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/23/1998
Contaminants Found at Site: PCB's
Solvents
Media Contaminated: Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-04
County Code: 17

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BOEING/NORTH BOEING FIELD BUILDING 3-333 SITE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104484975

Contact: Not reported
Report Title: Not reported

N58
ENE
1/4-1/2
2188
Higher

BOEING NORTH BOEING FIELD
7500 E MARGINAL WAY
SEATTLE, WA 98108

FINDS 1000257086
RCRIS-LQG 98108THBNG75
TRIS
WA ICR

Site 3 of 3 In cluster N

RCRIS:

Owner: BOEING CO
(206) 655-2502

Contact: LOUIS BABICH III
(425) 234-1766

Record Date: 01/05/2000
Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	25936.80	D004	13.00
D005	137945.40	D006	195121.40
D007	210727.60	D008	207540.40
D009	537.00	D010	137930.20
D011	524.00	D018	86257.30
D027	47.50	D035	126.00
D039	47.50	D040	5.00
F002	181013.40	F003	35529.20
F005	176783.40	F019	128964.20

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 08/26/1999
Priority of Violation: Low
Schedule Date to Achieve Compliance: 08/26/1999
Actual Date Achieved Compliance: 08/26/1999

Enforcement Action: Written Informal
Enforcement Action Date: 10/18/1999
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 08/26/1999
Priority of Violation: Low
Schedule Date to Achieve Compliance: 11/22/1999
Actual Date Achieved Compliance: 01/07/2000

Enforcement Action: Written Informal
Enforcement Action Date: 10/18/1999
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BOEING NORTH BOEING FIELD (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000257086

Report Title:	Not reported
Date Ecology Received Report:	11/02/1992
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-36
County Code:	17
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	12/12/1994
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	93-43
County Code:	17
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	05/17/1994
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-27
County Code:	17
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	02/01/1995
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	93-44
County Code:	17
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	05/17/1994
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-27
County Code:	17
Contact:	Not reported
Report Title:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

O59 SEATTLE S TRANSFER STA
WSW 8100 2ND AV S
1/4-1/2 SEATTLE, WA 98108
2213
Lower Site 1 of 2 in cluster O

Database(s) EDR ID Number
EPA ID Number

CSCSL S100484194
N/A

SHWS:

Facility ID: 2175
Responsible Unit: NW
Latitude: 47 31 53
Longitude: 122 19 53

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Release report received, awaiting assessment by Potentially Liable Person (PLP)

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Ground Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Suspected to be present
Conventional Contaminants, Inorganic:	Suspected to be present

Facility ID: 2175
Responsible Unit: NW
Latitude: 47 31 53
Longitude: 122 19 53

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Release report received, awaiting assessment by Potentially Liable Person (PLP)

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Surface Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SEATTLE S TRANSFER STA (Continued)

S100484194

Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Suspected to be present
Conventional Contaminants, Inorganic:	Suspected to be present

Facility ID: 2175

Responsible Unit: NW

Latitude: 47 31 53

Longitude: 122 19 53

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Release report received, awaiting assessment by Potentially Liable Person (PLP)

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Suspected to be present
Conventional Contaminants, Inorganic:	Suspected to be present

060
WSW
1/4-1/2
2213
Lower

CITY OF SEATTLE SOLID WASTE DIV STS
8100 2ND AVE S
SEATTLE, WA 98108
Site 2 of 2 In cluster O

UST U001127483
WA ICR N/A

WA ICR:

Date Ecology Received Report: 03/18/1993

Contaminants Found at Site: Total petroleum hydrocarbons

Metals

Polynuclear aromatic hydrocarbons

Media Contaminated: Soil

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CITY OF SEATTLE SOLID WASTE DIV STS (Continued)

U001127483

Cause of Contamination: Landfill
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-48
County Code: 17
Contact: Not reported
Report Title: Not reported

UST:

Facility ID: 97437
Install Date: 1/1/1962 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: CLOSED IN PLACE
Tank Name: 1
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 97437
Install Date: 1/1/1962 0:00
Capacity: 2,001 TO 4,999 GALLONS
Status: CLOSED IN PLACE
Tank Name: 2
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

P61
WNW
1/4-1/2
2235
Lower

ROYAL HWYWAY TOURS
255 SOUTH HOLDEN ST.
SEATTLE, WA 98108

Site 1 of 2 In cluster P

UST U003028180
LUST N/A
WA ICR

LUST:

Facility ID: 7524 Ecology Region: North Western
Release ID: 5552 Release Date: 10/11/1994
Release Status: CLEANUP STARTED Status Date: 10/11/1994
Alternate Name: ROYAL HWY TOURS COACH MAINTENANCE
Affected Media: SOIL

Facility ID: 7524 Ecology Region: North Western
Release ID: 5552 Release Date: 10/11/1994
Release Status: REPORTED CLEANED UP Status Date: 06/01/1995
Alternate Name: ROYAL HWY TOURS COACH MAINTENANCE
Affected Media: SOIL

WA ICR:

Date Ecology Received Report: 10/25/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 93-39
County Code: 17
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ROYAL HYWAY TOURS (Continued)

U003028180

UST:

Facility ID: 7524
Install Date: 2/15/1971 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 2
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7524
Install Date: 2/15/1971 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Q62
NNE
1/4-1/2
2237
Lower

BOEING NORTH FIELD JP4 TANKS
ELLIS AVE / E MARGINAL WAY
SEATTLE, WA 98108

CSCSL S102258021
N/A

Site 1 of 10 in cluster Q

SHWS:

Facility ID: 2053
Responsible Unit: NW
Latitude: 47 32 20
Longitude: 122 19 14
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BOEING NORTH FIELD JP4 TANKS (Continued)

S102258021

Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2053
Responsible Unit: NW
Latitude: 47 32 20
Longitude: 122 19 14
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Q63
NNE
1/4-1/2
2237
Lower

BOEING - NORTH FIELD BUILDING 3/360/361/365
ELLIS AVE. S. / E. MARGINAL WAY
SEATTLE, WA 98108

WA ICR S103505633
N/A

Site 2 of 10 in cluster Q

WA ICR:
Date Ecology Received Report: 03/30/1992
Contaminants Found at Site: Halogenated organic compounds
Metals
Petroleum products
Non-halogenated solvents

Media Contaminated: Groundwater
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-21
County Code: 17
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

Q64
NNE
1/4-1/2
2237
Lower

BOEING - NORTH FIELD BUILDING 3-840
ELLIS AVE. S. / E. MARGINAL WAY
SEATTLE, WA 98108

Site 3 of 10 In cluster Q

WA ICR **S103505632**
N/A

WA ICR:
Date Ecology Received Report: 03/30/1992
Contaminants Found at Site: Halogenated organic compounds
Media Contaminated: Groundwater
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-21
County Code: 17
Contact: Not reported
Report Title: Not reported

Q65
NNE
1/4-1/2
2237
Lower

BOEING NORTH FIELD
ELLIS AVE. S. / E. MARGINAL WAY
SEATTLE, WA 98108

Site 4 of 10 In cluster Q

WA ICR **S103512410**
N/A

WA ICR:
Date Ecology Received Report: 01/18/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Unknown
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-40
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/02/1996
Contaminants Found at Site: PCB's
Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Spill
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-50
County Code: 17
Contact: Not reported
Report Title: Not reported

Q66
NNE
1/4-1/2
2237
Lower

NORTH BOEING FIELD, BLAST FENCE, APRON A
ELLIS AVE. S. / E. MARGINAL WAY
SEATTLE, WA 98108

Site 5 of 10 In cluster Q

WA ICR **S103508404**
N/A

WA ICR:
Date Ecology Received Report: 08/30/1990
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Not reported
Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTH BOEING FIELD, BLAST FENCE, APRON A (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103508404

Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 91-20
County Code: 17
Contact: Not reported
Report Title: Not reported

Q67
NNE
1/4-1/2
2237
Lower

**BOEING - NORTH BOEING FIELD, PROPOSED BLDG. 3-801
ELLIS AVE. S. / E. MARGINAL WAY
SEATTLE, WA 98108**

WA ICR S103505626
N/A

Site 6 of 10 In cluster Q

WA ICR:

Date Ecology Received Report: / /
Contaminants Found at Site: Metals
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank, Spill
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-16
County Code: 17
Contact: Not reported
Report Title: Not reported

Q68
NNE
1/4-1/2
2237
Lower

**BOEING NORTH FIELD-BLDGS 3-800 & 3-801(TWO REPORTS)
ELLIS AVE. S. / E. MARGINAL WAY
SEATTLE, WA 98108**

WA ICR S103505657
N/A

Site 7 of 10 In cluster Q

WA ICR:

Date Ecology Received Report: 05/10/1993
Contaminants Found at Site: Halogenated Solvents
Total petroleum hydrocarbons
Media Contaminated: Groundwater, Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-01
County Code: 17
Contact: Not reported
Report Title: Not reported

Q69
NNE
1/4-1/2
2237
Lower

**BOEING - NORTH FIELD BUILDING 3-354
ELLIS AVE. S. / E. MARGINAL WAY
SEATTLE, WA 98108**

WA ICR S103505631
N/A

Site 8 of 10 In cluster Q

WA ICR:

Date Ecology Received Report: 04/01/1992
Contaminants Found at Site: Total petroleum hydrocarbons
Media Contaminated: Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 92-21
County Code: 17

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

BOEING - NORTH FIELD BUILDING 3-354 (Continued)

S103505631

Contact: Not reported
Report Title: Not reported

Q70 BOEING - NORTH FIELD
NNE ELLIS AVE. S. / E. MARGINAL WAY
1/4-1/2 SEATTLE, WA 98108
2237
Lower Site 9 of 10 In cluster Q

WA ICR S103505628
N/A

WA ICR:
Date Ecology Received Report: / /
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Not reported
Site Register Issue: 91-27
County Code: 17
Contact: Not reported
Report Title: Not reported

Q71 BOEING - NORTH BOEING FIELD BLDG. 3-354
NNE ELLIS AVE. S. / E. MARGINAL WAY
1/4-1/2 SEATTLE, WA 98108
2237
Lower Site 10 of 10 In cluster Q

WA ICR S103505623
N/A

WA ICR:
Date Ecology Received Report: 11/20/1991
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-12
County Code: 17
Contact: Not reported
Report Title: Not reported

P72 FIRE KING OF SEATTLE
WNW 240 S. HOLDEN ST.
1/4-1/2 SEATTLE, WA 98108
2285
Lower Site 2 of 2 In cluster P

WA ICR S104486780
N/A

WA ICR:
Date Ecology Received Report: 08/18/1995
Contaminants Found at Site: PCB's
Petroleum products
Media Contaminated: Soil
Cause of Contamination: Spill
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-08
County Code: 17
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site
Database(s)
EDR ID Number
EPA ID Number

R73
North
1/4-1/2
2408
Lower
SEATTLE FIRE STATION 27
1000 S MYRTLE ST
SEATTLE, WA 98108
Site 1 of 3 in cluster R

UST
LUST
U000592332
N/A

LUST:

Facility ID: 7886 Ecology Region: North Western
Release ID: 549580 Release Date: 06/29/2000
Release Status: CLEANUP STARTED Status Date: 12/10/1999
Alternate Name: SEATTLE CITY OF FIRE STATION # 27
Affected Media: SOIL

UST:

Facility ID: 7886
Install Date: 1/1/1971 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: F27-1
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

R74
North
1/4-1/2
2408
Lower
CITY OF SEATTLE - FIRE STATION #2
1000 S. MYRTLE ST.
SEATTLE, WA 98108
Site 2 of 3 in cluster R

WA ICR
S104782979
N/A

WA ICR:

Date Ecology Received Report: 06/29/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-29
County Code: 17
Contact: Not reported
Report Title: UST Site Assessment

R75
North
1/4-1/2
2413
Lower
SEATTLE CITY LIGHT
1012 S. MYRTLE ST.
SEATTLE, WA 98108
Site 3 of 3 in cluster R

WA ICR
S104487381
N/A

WA ICR:

Date Ecology Received Report: 09/14/1990
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 90-12
County Code: 17
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

76 RAZORE ENTERPRISES
SSW 500 SOUTH SULLIVAN
1/4-1/2 SEATTLE, WA 98108
2437
Higher

UST U003028140
LUST N/A
WA ICR

LUST:

Facility ID:	7426	Ecology Region:	North Western
Release ID:	2458	Release Date:	08/15/1991
Release Status:	CLEANUP STARTED	Status Date:	08/15/1991
Alternate Name:	RAZORE ENTERPRISES		
Affected Media:	SOIL		

Facility ID:	7426	Ecology Region:	North Western
Release ID:	2458	Release Date:	08/15/1991
Release Status:	REPORTED CLEANED UP	Status Date:	06/01/1995
Alternate Name:	RAZORE ENTERPRISES		
Affected Media:	SOIL		

WA ICR:

Date Ecology Received Report:	09/18/1991
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-08
County Code:	17
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	02/24/1993
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	92-46
County Code:	17
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	09/16/1991
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-07
County Code:	17
Contact:	Not reported
Report Title:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RAZORE ENTERPRISES (Continued)

Database(s)
EDR ID Number
EPA ID Number

U003028140

UST:

Facility ID: 7426
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 3-OIL
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7426
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 1-DIESEL
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7426
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 2-DIESEL
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7426
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: 4-WASTE
Tank Material: Steel-Unprotected
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

S77 TACOMA SEATTLE TRAILER REPAIR
West 150 S KENYON ST
1/4-1/2 SEATTLE, WA 98108
2452
Lower Site 1 of 2 in cluster S

UST U000590773
LUST N/A

LUST:

Facility ID: 6109 Ecology Region: North Western
Release ID: 519164 Release Date: 12/16/1999
Release Status: CLEANUP STARTED Status Date: 08/26/1997
Alternate Name: TACOMA & SEATTLE TRAILER REPAIR
Affected Media: SOIL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TACOMA SEATTLE TRAILER REPAIR (Continued)

U000590773

Facility ID: 6109 Ecology Region: North Western
Release ID: 519164 Release Date: 12/16/1999
Release Status: REPORTED CLEANED UP Status Date: 12/16/1999
Alternate Name: TACOMA & SEATTLE TRAILER REPAIR
Affected Media: SOIL

UST:

Facility ID: 6109
Install Date: 12/31/1964 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: 4
Tank Material: Not reported
Substance: MOTOR OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 6109
Install Date: 12/31/1964 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: 5
Tank Material: Not reported
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

S78
West
1/4-1/2
2452
Lower

TACOMA & SEATTLE TRAILER
150 S. KENYON ST.
SEATTLE, WA 98108
Site 2 of 2 In cluster S

WA ICR S104485821
N/A

WA ICR:

Date Ecology Received Report: 12/16/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-21
County Code: 17
Contact: Not reported
Report Title: Not reported

T79
NNW
1/4-1/2
2473
Lower

MYRTLE STREET PROPERTY
606 S MYRTLE ST
SEATTLE, WA 98108

CSCSL S104971231
N/A

Site 1 of 2 In cluster T

SHWS:

Facility ID: 12153465
Responsible Unit: NW
Latitude: 47 32 21
Longitude: 122 19 32
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

MAP FINDINGS

EDR ID Number
EPA ID Number

S104971231

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	2
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

CSCSL S104971232
N/A

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	2
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

MYRTLE STREET PROPERTY (Continued)

S104971232

Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

81
West
1/4-1/2
2569
Lower

RYDER STUDENT TRANSPORTATION SERVICES, INC.
130 S KENYON ST
SEATTLE, WA 98108

UST U003311083
CSCSL N/A
LUST
WA ICR

SHWS:

Facility ID: 63293426
Responsible Unit: NW
Latitude: 47 31 55
Longitude: 122 20 3

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Final Independent Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media:

Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

LUST:

Facility ID:	425723	Ecology Region:	North Western
Release ID:	425728	Release Date:	08/13/1997
Release Status:	REPORTED CLEANED UP	Status Date:	08/13/1997
Alternate Name:	RYDER		
Affected Media:	SOIL		

WA ICR:

Date Ecology Received Report:	10/20/1997
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RYDER STUDENT TRANSPORTATION SERVICES, INC. (Continued)

U003311083

Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 95-13
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/29/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-15
County Code: 17
Contact: Not reported
Report Title: Not reported

UST:

Facility ID: 425723
Install Date: Not reported
Capacity: Not reported
Status: REMOVED
Tank Name: 2
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 425723
Install Date: Not reported
Capacity: Not reported
Status: REMOVED
Tank Name: 3
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 425723
Install Date: Not reported
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RYDER STUDENT TRANSPORTATION SERVICES, INC. (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003311083

Facility ID: 425723
Install Date: 8/29/1997 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: OPERATIONAL
Tank Name: 6
Tank Material: Fiberglass Reinforced Plastic
Substance: Diesel
Compartment #: 1
Ecology Region: North Western

U82
East
1/2-1
2733
Higher

BOEING PLANT 2
7755 E MARGINAL WAY S
SEATTLE, WA 98108

CSCSL S101856267
N/A

Site 1 of 2 in cluster U

SHWS:

Facility ID: 2100
Responsible Unit: NW
Latitude: 47 32 10
Longitude: 122 18 48

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

1 - Greatest assessed risk to human health and to the environment

Affected Media: Surface Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2100
Responsible Unit: NW
Latitude: 47 32 10
Longitude: 122 18 48

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOEING PLANT 2 (Continued)

S101856267

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

1 - Greatest assessed risk to human health and to the environment

Affected Media: Air

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2100

Responsible Unit: NW

Latitude: 47 32 10

Longitude: 122 18 48

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

1 - Greatest assessed risk to human health and to the environment

Affected Media: Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Confirmed above MTCA cleanup levels
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BOEING PLANT 2 (Continued)

S101856267

Facility ID: 2100
Responsible Unit: NW
Latitude: 47 32 10
Longitude: 122 18 48
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
1 - Greatest assessed risk to human health and to the environment
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2100
Responsible Unit: NW
Latitude: 47 32 10
Longitude: 122 18 48
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
1 - Greatest assessed risk to human health and to the environment
Affected Media: Sediments
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Suspected to be present
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BOEING PLANT 2 (Continued)

EDR ID Number
EPA ID Number

S101856267

Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

U83
East
1/2-1
2733
Higher

BOEING PLANT 2
7755 E MARGINAL WAY S
SEATTLE, WA 98108
Site 2 of 2 In cluster U

FINDS 1000257078
RCRIS-LQG 98108BNGRS77
TRIS
CORRACTS
CERC-NFRAP
WA ICR
CA HAZNET

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Non NPL Code: NFRAP
Ownership Status: Other

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: PRELIMINARY ASSESSMENT

Completed: 04/01/1980

Completed: 05/06/1985

Completed: 07/12/1988

CERCLIS-NFRAP Alias Name(s):

BOEING COMPANY CORPORATE
BOEING AEROSPACE CO - PLT #2
DUWAMISH RIV ADJACENT TO BOEING PLT #2
BOEING PLT II - S YARD

CORRACTS Data:

EPA Id: WAD009256819
Region: 10
State: WA
Area Name: AOC 2-108.73 PINT BOOTH SUMP
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 08/23/2000
Corrective Action: CA375 - Decision On Petition For No Further Action

EPA Id: WAD009256819
Region: 10
State: WA

Area Name: FACILITY-WIDE
Original Scheduled Date: 06/29/1998
New Scheduled Date: Not reported
Actual Date: 09/22/1998
Corrective Action: CA190 - RFI Report Received

EPA Id: WAD009256819
Region: 10
State: WA

Area Name: FACILITY-WIDE
Original Scheduled Date: 12/31/1993
New Scheduled Date: Not reported
Actual Date: 01/18/1994

Corrective Action: CA100DC - RFI Imposition , Focused data collection required for stabilization evaluation

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BOEING PLANT 2 (Continued)

1000257078

EPA Id: WAD009256819
Region: 10
State: WA
Area Name: FACILITY-WIDE
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 09/26/1996
Corrective Action: CA225YE - Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations

EPA Id: WAD009256819
Region: 10
State: WA
Area Name: FACILITY-WIDE
Original Scheduled Date: 01/31/1996
New Scheduled Date: Not reported
Actual Date: 01/31/1996
Corrective Action: CA195 - FI Progress Reports Received

The CORRACTS database contains 207 additional records for this site.
Please contact your EDR Account Executive for more information.

RCRIS Corrective Action Summary:

Effective Date: 01/18/1994
Legal Authority: RCRA 3008(h) or equivalent

RCRIS:

Owner: BOEING CO
(206) 655-2502

Contact: LOUIS BABICH III
(425) 234-1766

Record Date: 12/31/1998
Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	9774.50	D002	261.00
D004	2386.00	D005	7633.20
D006	83314.30	D007	335307.30
D008	20623.20	D009	2677.00
D010	7666.20	D011	200.00
D018	66.00	D035	11.00
F001	38.00	F002	320210.40
F003	318696.40	F005	318696.40
U228	731026.70		

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 05/17/1991
Priority of Violation: Low
Schedule Date to Achieve Compliance: 09/30/1991
Actual Date Achieved Compliance: 09/23/1991
Enforcement Action: Written Informal

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BOEING PLANT 2 (Continued)

1000257078

Enforcement Action Date:	07/10/1991
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	05/17/1991
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	09/30/1991
Actual Date Achieved Compliance:	09/23/1991
Enforcement Action:	Written Informal
Enforcement Action Date:	09/23/1987
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	05/17/1991
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	09/30/1991
Actual Date Achieved Compliance:	09/23/1991
Enforcement Action:	Written Informal
Enforcement Action Date:	07/10/1991
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	05/17/1991
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	09/30/1991
Actual Date Achieved Compliance:	09/23/1991
Enforcement Action:	Written Informal
Enforcement Action Date:	07/10/1991
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	05/17/1991
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	09/30/1991
Actual Date Achieved Compliance:	09/23/1991
Enforcement Action:	Written Informal
Enforcement Action Date:	07/10/1991
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	06/07/1993
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	10/01/1993
Actual Date Achieved Compliance:	08/02/1993
Enforcement Action:	Written Informal
Enforcement Action Date:	06/07/1993
Proposed Monetary Penalty:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BOEING PLANT 2 (Continued)

1000257078

Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	06/07/1993
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	10/01/1993
Actual Date Achieved Compliance:	08/02/1993
Enforcement Action:	Written Informal
Enforcement Action Date:	06/07/1993
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Financial Responsibility Requirements
Date Violation Determined:	03/08/1985
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	04/08/1985
Actual Date Achieved Compliance:	04/08/1985
Enforcement Action:	Written Informal
Enforcement Action Date:	03/08/1985
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported

There are 8 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	08/02/1993
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	08/02/1993
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	08/02/1993
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	08/02/1993
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	09/23/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	09/23/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	09/23/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	09/23/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	09/23/1991
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	04/08/1985

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Biennial Reporting System (BRS)
Enforcement Docket System (DOCKET)
Facility Registry System (FRS)
National Compliance Database (NCDB)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

WA ICR:

Date Ecology Received Report:	05/17/1993
Contaminants Found at Site:	Halogenated Solvents Total petroleum hydrocarbons Metals
Media Contaminated:	Groundwater, Soil

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BOEING PLANT 2 (Continued)

1000257078

Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-51
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/11/1992
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 92-40
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 05/15/1991
Contaminants Found at Site: Halogenated organic compounds
Metals
PCB's
Petroleum products
Non-halogenated solvents
Media Contaminated: Soil, Groundwater, Surface water
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Not reported
Site Register Issue: 91-30
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 05/17/1993
Contaminants Found at Site: Solvents
Metals
Total petroleum hydrocarbons
Not reported
Media Contaminated: Groundwater, Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-51
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 03/30/1992
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-21
County Code: 17
Contact: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

BOEING PLANT 2 (Continued)

1000257078

Report Title:	Not reported
Date Ecology Received Report:	06/15/1992
Contaminants Found at Site:	Halogenated organic compounds Total petroleum hydrocarbons
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-27
County Code:	17
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	/ /
Contaminants Found at Site:	Metals Non-halogenated solvents Polynuclear aromatic hydrocarbons
Media Contaminated:	Groundwater
Cause of Contamination:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-27
County Code:	17
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	05/17/1993
Contaminants Found at Site:	Metals PCB's Solvents
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-51
County Code:	17
Contact:	Not reported
Report Title:	Not reported
Date Ecology Received Report:	05/17/1993
Contaminants Found at Site:	Total petroleum hydrocarbons Solvents Metals PCB's
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-51
County Code:	17
Contact:	Not reported
Report Title:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BOEING PLANT 2 (Continued)

EDR ID Number
EPA ID Number
Database(s)

1000257078

HAZNET:

Gepaid: WAD009256819
Tepaid: CAD009452657
Gen County: 99
Tsd County: San Mateo
Tons: 2.0849
Category: Waste oil and mixed oil
Disposal Method: Disposal, Other
Contact: THE BOEING COMPANY
Telephone: (206) 655-7431
Mailing Address: PO BOX 3707 M/S 63-41
SEATTLE, WA 98124 - 2207
County 99

Gepaid: WAD009256819
Tepaid: CAD009452657
Gen County: 99
Tsd County: San Mateo
Tons: 4.0865
Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Disposal, Other
Contact: THE BOEING COMPANY
Telephone: (206) 655-7431
Mailing Address: PO BOX 3707 M/S 63-41
SEATTLE, WA 98124 - 2207
County 99

Gepaid: WAD009256819
Tepaid: CAD009452657
Gen County: 99
Tsd County: San Mateo
Tons: .0000
Category:
Disposal Method: Disposal, Other
Contact: THE BOEING COMPANY
Telephone: (206) 655-7431
Mailing Address: PO BOX 3707 M/S 63-41
SEATTLE, WA 98124 - 2207
County 99

Gepaid: WAD009256819
Tepaid: CAD009452657
Gen County: 99
Tsd County: San Mateo
Tons: .3544
Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Recycler
Contact: THE BOEING COMPANY
Telephone: (206) 655-7431
Mailing Address: PO BOX 3707 M/S 63-41
SEATTLE, WA 98124 - 2207
County 99

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BOEING PLANT 2 (Continued)

1000257078

Gepaid: WAD009256819
Tepaid: CAD009452657
Gen County: 99
Tsd County: San Mateo
Tons: 31.3792
Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Not reported
Contact: THE BOEING COMPANY
Telephone: (206) 655-7431
Mailing Address: PO BOX 3707 M/S 63-41
SEATTLE, WA 98124 - 2207
County: 99

The CA HAZNET database contains 102 additional records for this site.
Please contact your EDR Account Executive for more information.

84
North
1/2-1
2830
Lower

DUWAMISH CO 070952
7000 E MARGINAL WAY
SEATTLE, WA 98108

UST U001126370
CSCSL N/A

SHWS:

Facility ID: 2117
Responsible Unit: NW
Latitude: 47 32 1
Longitude: 122 18 42

Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:
Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Surface Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Suspected to be present
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2117
Responsible Unit: NW

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

DUWAMISH CO 070952 (Continued)

U001126370

Latitude: 47 32 1

Longitude: 122 18 42

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Sediments

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 3

EPA Priority Pollutants - Metals and Cyanide: Suspected to be present

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Not reported

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Not reported

Dioxin: Not reported

Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Reactive Wastes: Not reported

Corrosive Wastes: Suspected to be present

Radioactive Wastes: Not reported

Asbestos: Not reported

Conventional Contaminants, Organic: Not reported

Conventional Contaminants, Inorganic: Not reported

UST:

Facility ID: 10481

Install Date: 1/1/1969 0:00

Capacity: Not reported

Status: REMOVED

Tank Name: 2 STANDBY

Tank Material: Not reported

Substance: Not reported

Compartment #: 1

Ecology Region: North Western

Facility ID: 10481

Install Date: 1/1/1962 0:00

Capacity: 111 to 1,100 Gallons

Status: REMOVED

Tank Name: 1 STANDBY

Tank Material: Not reported

Substance: Not reported

Compartment #: 1

Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

GREAT WESTERN CHEMICAL CO SEATTLE (Continued)

1000158775

Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 12/22/1992
Corrective Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
EPA Id: WAD008957961
Region: 10
State: WA
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 10/15/1996
Corrective Action: CA210T - CA Responsibility Referred To A Non-RCRA Federal Authority ,
Corrective Action referred to another non-RCRA Federal Authority

The CORRACTS database contains 3 additional records for this site.
Please contact your EDR Account Executive for more information.

RCRIS:

Owner: GREAT WESTERN CHEMICAL CO
(503) 228-2600

Contact: KEITH WEISENBURG
(206) 763-2350

Record Date: 12/31/1999
Classification: Not reported
Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 03/30/1988
Priority of Violation: Low
Schedule Date to Achieve Compliance: 10/07/1988
Actual Date Achieved Compliance: 10/06/1988

Enforcement Action: Written Informal
Enforcement Action Date: 09/07/1988
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 02/06/1984
Priority of Violation: Low
Schedule Date to Achieve Compliance: 03/26/1984
Actual Date Achieved Compliance: 03/28/1984

Enforcement Action: Written Informal
Enforcement Action Date: 02/24/1984
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 02/06/1984
Priority of Violation: Low
Schedule Date to Achieve Compliance: 03/26/1984
Actual Date Achieved Compliance: 03/28/1984

Enforcement Action: Written Informal

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GREAT WESTERN CHEMICAL CO SEATTLE (Continued)

1000158775

Enforcement Action Date: 02/24/1984
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 08/05/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 09/18/1997
Actual Date Achieved Compliance: 08/11/1997

Enforcement Action: Written Informal
Enforcement Action Date: 08/05/1997
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

There are 4 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	08/11/1997
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	10/06/1988
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	03/28/1984
	Generator-All Requirements	03/28/1984

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
National Compliance Database (NCDB)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Section Seven Tracking System (SSTS)
Toxic Chemical Release Inventory System (TRIS)

SHWS:

Facility ID: 2282
Responsible Unit: NW
Latitude: 47 32 27
Longitude: 122 19 39
Ecology Site Status relative to the MTCA cleanup process:
Remedial Action in progress
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
1 - Greatest assessed risk to human health and to the environment
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Dioxin: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

GREAT WESTERN CHEMICAL CO SEATTLE (Continued)

1000158775

Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2282
Responsible Unit: NW
Latitude: 47 32 27
Longitude: 122 19 39

Ecology Site Status relative to the MTCA cleanup process:
Remedial Action in progress

Independent Site Status - those sites undergoing an independent cleanup:
Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
1 - Greatest assessed risk to human health and to the environment

Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

LUST:

Facility ID: 3803 Ecology Region: North Western
Release ID: 1819 Release Date: 05/17/1990
Release Status: CLEANUP STARTED Status Date: 06/01/1995
Alternate Name: GREAT WESTERN CHEMICAL CO
Affected Media: SOIL

WA ICR:

Date Ecology Received Report: 07/16/1990
Contaminants Found at Site: Halogenated organic compounds
Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 90-07
County Code: 17

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GREAT WESTERN CHEMICAL CO SEATTLE (Continued)

1000158775

Contact: Not reported
Report Title: Not reported

UST:

Facility ID: 3803
Install Date: 11/1/1956 0:00
Capacity: Not reported
Status: CLOSED IN PLACE
Tank Name: 23
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 7
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 9
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 10
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GREAT WESTERN CHEMICAL CO SEATTLE (Continued)

1000158775

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 11
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 12
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 14
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 17
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 11/1/1956 0:00
Capacity: Not reported
Status: CLOSED IN PLACE
Tank Name: 21
Tank Material: Not reported
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GREAT WESTERN CHEMICAL CO SEATTLE (Continued)

1000158775

Facility ID: 3803
Install Date: 11/1/1956 0:00
Capacity: Not reported
Status: CLOSED IN PLACE
Tank Name: 22
Tank Material: Not reported
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 11/1/1956 0:00
Capacity: Not reported
Status: CLOSED IN PLACE
Tank Name: 24
Tank Material: Not reported
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 11/1/1956 0:00
Capacity: Not reported
Status: CLOSED IN PLACE
Tank Name: 25
Tank Material: Not reported
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 11/1/1956 0:00
Capacity: Not reported
Status: CLOSED IN PLACE
Tank Name: 26
Tank Material: Not reported
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GREAT WESTERN CHEMICAL CO SEATTLE (Continued)

1000158775

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 5
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 6
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 8
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GREAT WESTERN CHEMICAL CO SEATTLE (Continued)

Database(s)
EDR ID Number
EPA ID Number

1000158775

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 13
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 15
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 16
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 18
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 19
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GREAT WESTERN CHEMICAL CO SEATTLE (Continued)

1000158775

Facility ID: 3803
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 20
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

V86
West
1/2-1
3307
Higher
LAIDLAW
7739 1ST AVE S
SEATTLE, WA 98108
Site 1 of 2 in cluster V

RCRIS-SQG 1000189945
FINDS WAD980836001
UST
CSCSL
HSL
WA ICR

RCRIS:
Owner: LAIDLAW TRANSIT INC
(360) 555-1212
Contact: JOHN JORDAN
(206) 764-9700
Record Date: Not reported
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:
Facility ID: 2320
Responsible Unit: NW
Latitude: 47 31 53
Longitude: 122 20 7
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Final Independent Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
4 - Moderate to lowest assessed risk to human health and to the environment
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LAIDLAW (Continued)

1000189945

Report Title: Not reported

UST:

Facility ID: 12778
Install Date: 10/30/1989 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 12778
Install Date: 10/30/1989 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: 2
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 12778
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

V87
West
1/2-1
3318
Higher

EASTERN SUPPLY CO
7745 1ST AVE S
SEATTLE, WA 98108
Site 2 of 2 in cluster V

CSCSL S100079784
N/A

SHWS:

Facility ID: 2258
Responsible Unit: NW
Latitude: 47 31 57
Longitude: 122 20 18

Ecology Site Status relative to the MTCA cleanup process:

Remedial Action in progress

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

2 - Moderate to greatest assessed risk to human health and to the environment

Affected Media: Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Confirmed above MTCA cleanup levels

Horizontal Collection Method: 99

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant metals: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EASTERN SUPPLY CO (Continued)

S100079784

Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2258

Responsible Unit: NW

Latitude: 47 31 57

Longitude: 122 20 18

Ecology Site Status relative to the MTCA cleanup process:

Remedial Action in progress

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

2 - Moderate to greatest assessed risk to human health and to the environment

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	99
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

88
SE
1/2-1
3598
Higher

MALARKEY ASPHALT CO
8700 DALLAS AV S
SEATTLE, WA 98108

RCRIS-SQG 1001121615
FINDS WAR000010413
CERC-NFRAP
CSCSL

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MALARKEY ASPHALT CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001121615

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Non NPL Code: NFRAP

Ownership Status: Private

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY

Completed: 06/06/1989

Assessment: PRELIMINARY ASSESSMENT

Completed: 11/15/1990

Assessment: SITE INSPECTION

Completed: 09/28/1994

Assessment: ADMIN ORDER ON CONSENT

Completed: 04/26/1996

Assessment: PRP REMOVAL

Completed: 07/13/1998

Assessment: SITE REASSESSMENT

Completed: 09/14/2000

Assessment: ADMIN ORDER ON CONSENT

Completed: 09/21/2000

Assessment: PRP REMOVAL

Completed: 09/21/2000

RCRIS:

Owner: MALARKEY ASPHALT CO

Contact: LINDA DAWSON
(425) 744-1489

Record Date: 12/31/1999

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Enforcement Docket System (DOCKET)

Facility Registry System (FRS)

National Compliance Database (NCDB)

PCB Handler Activity Data System (PADS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 2202

Responsible Unit: NW

Latitude: 47 31 34

Longitude: 122 18 42

Ecology Site Status relative to the MTCA cleanup process:

Remedial Action in progress

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

1 - Greatest assessed risk to human health and to the environment

Affected Media: Sediments

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 3

EPA Priority Pollutants - Metals and Cyanide: Suspected to be present

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Not reported

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MALARKEY ASPHALT CO (Continued)

1001121615

Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2202

Responsible Unit: NW

Latitude: 47 31 34

Longitude: 122 18 42

Ecology Site Status relative to the MTCA cleanup process:

Remedial Action in progress

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

1 - Greatest assessed risk to human health and to the environment

Affected Media: Air

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Suspected to be present
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2202

Responsible Unit: NW

Latitude: 47 31 34

Longitude: 122 18 42

Ecology Site Status relative to the MTCA cleanup process:

Remedial Action in progress

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

1 - Greatest assessed risk to human health and to the environment

Affected Media: Surface Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MALARKEY ASPHALT CO (Continued)

1001121615

Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Confirmed above MTCA cleanup levels
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2202

Responsible Unit: NW

Latitude: 47 31 34

Longitude: 122 18 42

Ecology Site Status relative to the MTCA cleanup process:

Remedial Action in progress

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

1 - Greatest assessed risk to human health and to the environment

Affected Media: Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Confirmed above MTCA cleanup levels
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Confirmed above MTCA cleanup levels
Pesticides:	Confirmed above MTCA cleanup levels
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2202

Responsible Unit: NW

Latitude: 47 31 34

Longitude: 122 18 42

Ecology Site Status relative to the MTCA cleanup process:

Remedial Action in progress

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

MALARKEY ASPHALT CO (Continued)

1001121615

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

1 - Greatest assessed risk to human health and to the environment

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 3

EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels

Pesticides: Confirmed above MTCA cleanup levels

Petroleum Products: Not reported

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Not reported

Dioxin: Confirmed above MTCA cleanup levels

Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels

Reactive Wastes: Not reported

Corrosive Wastes: Not reported

Radioactive Wastes: Not reported

Asbestos: Not reported

Conventional Contaminants, Organic: Not reported

Conventional Contaminants, Inorganic: Not reported

89
NNE
1/2-1
3649
Higher

SEATTLE AIR NATL GUARD BOEING N FIELD
6736 ELLIS AV S
SEATTLE, WA 98108

CSCSL S103083952
N/A

SHWS:

Facility ID: 64935422

Responsible Unit: NW

Latitude: 47 32 28

Longitude: 122 19 9

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 4

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Not reported

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Not reported

Dioxin: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SEATTLE AIR NATL GUARD BOEING N FIELD (Continued)

S103083952

Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Confirmed above MTCA cleanup levels
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 64935422
Responsible Unit: NW
Latitude: 47 32 28
Longitude: 122 19 9

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Confirmed above MTCA cleanup levels
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

90
West
1/2-1
3669
Higher

FIRST AVE BRIDGE LANDFILL
7700 BLOCK OF 2ND AVE SW
SEATTLE, WA 98106

CSCSL S100079789
N/A

SHWS:

Facility ID: 2201
Responsible Unit: NW
Latitude: 47 32 1
Longitude: 122 20 11

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Air

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FIRST AVE BRIDGE LANDFILL (Continued)

S100079789

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Confirmed above MTCA cleanup levels

Facility ID: 2201

Responsible Unit: NW

Latitude: 47 32 1

Longitude: 122 20 11

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Confirmed above MTCA cleanup levels

Facility ID: 2201

Responsible Unit: NW

Latitude: 47 32 1

Longitude: 122 20 11

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FIRST AVE BRIDGE LANDFILL (Continued)

S100079789

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Sediments

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Suspected to be present

91
NW
1/2-1
3798
Lower

CONTAINER SERVICES CO NW INC
7152 1ST AVE S
SEATTLE, WA 98108

RCRIS-SQG 1000411054
FINDS WAD000066084
RAATS
CERC-NFRAP
CSCSL

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Non NPL Code: NFRAP

Ownership Status: Other

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY

Assessment: PRELIMINARY ASSESSMENT

Assessment: SITE INSPECTION

Completed: 03/22/1985

Completed: 10/29/1985

Completed: 05/05/1986

RCRIS:

Owner: CONTAINER SERVICES CO NW INC
(206) 763-2345

Contact: A CABUCO SR
(206) 763-2345

Record Date: 12/09/1999

Classification: Conditionally Exempt Small Quantity Generator

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

CONTAINER SERVICES CO NW INC (Continued)

1000411054

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	04/06/1988
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	07/06/1989
Actual Date Achieved Compliance:	07/06/1989
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	09/09/1988
Proposed Monetary Penalty:	\$ 51,000.00
Final Monetary Penalty:	\$ 51,000.00
Enforcement Action:	Final Formal 3008(a) Compliance Order
Enforcement Action Date:	06/06/1989
Proposed Monetary Penalty:	\$ 20,000.00
Final Monetary Penalty:	\$ 20,000.00
Regulation Violated:	Not reported
Area of Violation:	Generator-Land Ban Requirements
Date Violation Determined:	04/06/1988
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	07/06/1989
Actual Date Achieved Compliance:	07/06/1989
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	09/09/1988
Proposed Monetary Penalty:	\$ 51,000.00
Final Monetary Penalty:	\$ 51,000.00
Enforcement Action:	Final Formal 3008(a) Compliance Order
Enforcement Action Date:	06/06/1989
Proposed Monetary Penalty:	\$ 20,000.00
Final Monetary Penalty:	\$ 20,000.00
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	04/06/1988
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	06/06/1988
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	04/06/1988
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	06/06/1988
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	06/14/1993
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	09/01/1992
Actual Date Achieved Compliance:	08/30/1993
Enforcement Action:	Written Informal
Enforcement Action Date:	06/14/1993
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CONTAINER SERVICES CO NW INC (Continued)

1000411054

Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	06/14/1993
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	09/01/1993
Actual Date Achieved Compliance:	08/30/1993
Enforcement Action:	Written Informal
Enforcement Action Date:	06/14/1993
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	06/14/1993
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	09/01/1993
Actual Date Achieved Compliance:	08/30/1993
Enforcement Action:	Written Informal
Enforcement Action Date:	06/14/1993
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	06/14/1993
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	12/15/1993
Actual Date Achieved Compliance:	08/30/1993
Enforcement Action:	Written Informal
Enforcement Action Date:	06/14/1993
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	06/14/1993
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	09/01/1993
Actual Date Achieved Compliance:	08/30/1993
Enforcement Action:	Written Informal
Enforcement Action Date:	06/14/1993
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	06/14/1993
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	09/01/1993
Actual Date Achieved Compliance:	08/30/1993
Enforcement Action:	Written Informal
Enforcement Action Date:	06/14/1993
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CONTAINER SERVICES CO NW INC (Continued)

1000411054

Date Violation Determined: 06/14/1993
Priority of Violation: Low
Schedule Date to Achieve Compliance: 09/01/1993
Actual Date Achieved Compliance: 08/30/1993
Enforcement Action: Written Informal
Enforcement Action Date: 06/14/1993
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

There are 11 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	08/30/1993
	Generator-All Requirements	08/30/1993
	Generator-All Requirements	08/30/1993
	Generator-All Requirements	08/30/1993
	Generator-All Requirements	08/30/1993
	Generator-All Requirements	08/30/1993
	Generator-All Requirements	08/30/1993
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	07/06/1989
	Generator-Land Ban Requirements	07/06/1989
	Generator-All Requirements	06/06/1988
	Generator-All Requirements	06/06/1988

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Biennial Reporting System (BRS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 2154
Responsible Unit: NW
Latitude: 47 36 35
Longitude: 122 19 52
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
4 - Moderate to lowest assessed risk to human health and to the environment
Affected Media: Surface Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 99
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Suspected to be present
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Suspected to be present
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CONTAINER SERVICES CO NW INC (Continued)

1000411054

Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2154

Responsible Unit: NW

Latitude: 47 36 35

Longitude: 122 19 52

Ecology Site Status relative to the MTCA cleanup process:

Ranked, Awaiting Remedial Action (RA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

4 - Moderate to lowest assessed risk to human health and to the environment

Affected Media: Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 99
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Confirmed above MTCA cleanup levels
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Confirmed above MTCA cleanup levels
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2154

Responsible Unit: NW

Latitude: 47 36 35

Longitude: 122 19 52

Ecology Site Status relative to the MTCA cleanup process:

Ranked, Awaiting Remedial Action (RA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

4 - Moderate to lowest assessed risk to human health and to the environment

Affected Media: Sediments

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 99

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CONTAINER SERVICES CO NW INC (Continued)

1000411054

EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Confirmed above MTCA cleanup levels
Polychlorinated biPhenyls (PCBs):	Confirmed above MTCA cleanup levels
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Confirmed above MTCA cleanup levels
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2154

Responsible Unit: NW

Latitude: 47 36 35

Longitude: 122 19 52

Ecology Site Status relative to the MTCA cleanup process:

Ranked, Awaiting Remedial Action (RA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

4 - Moderate to lowest assessed risk to human health and to the environment

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	99
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Confirmed above MTCA cleanup levels
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Confirmed above MTCA cleanup levels
Petroleum Products:	Not reported
Phenolic Compounds:	Confirmed above MTCA cleanup levels
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

W92
West
1/2-1
3809
Higher

WEST COAST EQUIPMENT INC
7777 DETROIT AV SW
SEATTLE, WA 98106
Site 1 of 2 in cluster W

CSCSL S100079918
N/A

SHWS:

Facility ID: 2262

Responsible Unit: NW

Latitude: 47 32 1

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WEST COAST EQUIPMENT INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100079918

Longitude: 122 20 18
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations
or manufacturing processes, certain contaminants are suspected to be present at the
site
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Suspected to be present
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported
Facility ID: 2262
Responsible Unit: NW
Latitude: 47 32 1
Longitude: 122 20 18
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Surface Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations
or manufacturing processes, certain contaminants are suspected to be present at the
site
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Suspected to be present
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

WEST COAST EQUIPMENT INC (Continued)

S100079918

Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2262
Responsible Unit: NW
Latitude: 47 32 1
Longitude: 122 20 18

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Suspected to be present
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2262
Responsible Unit: NW
Latitude: 47 32 1
Longitude: 122 20 18

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Sediments

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

WEST COAST EQUIPMENT INC (Continued)

S100079918

Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

W93
West
1/2-1
3829
Higher

WEST COAST EQUIPMENT 2
7746 DETROIT AV SW
SEATTLE, WA 98106

CSCSL S104310948
HSL N/A

Site 2 of 2 in cluster W

SHWS:

Facility ID: 12494
Responsible Unit: NW
Latitude: 47 31 57
Longitude: 122 20 13

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
3 - Moderate assessed risk to human health and to the environment

Affected Media: Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 12494
Responsible Unit: NW
Latitude: 47 31 57
Longitude: 122 20 13

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WEST COAST EQUIPMENT 2 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104310948

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

3 - Moderate assessed risk to human health and to the environment

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 4

EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Confirmed above MTCA cleanup levels

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Not reported

Dioxin: Not reported

Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Reactive Wastes: Not reported

Corrosive Wastes: Not reported

Radioactive Wastes: Not reported

Asbestos: Not reported

Conventional Contaminants, Organic: Not reported

Conventional Contaminants, Inorganic: Not reported

WA HSL:

Rank : 3

Facility Status : Independent RA

Facility Type : Not reported

94
WSW
1/2-1
3939
Higher

NORTHWEST ENVIROSERVICE 2
8105 1ST AV S
SEATTLE, WA 98108

CSCSL S101703219
N/A

SHWS:

Facility ID: 2536

Responsible Unit: NW

Latitude: 47 31 54

Longitude: 122 20 7

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Surface Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Suspected to be present

Horizontal Collection Method: 4

EPA Priority Pollutants - Metals and Cyanide: Suspected to be present

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NORTHWEST ENVIROSERVICE 2 (Continued)

S101703219

Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Suspected to be present
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2536
Responsible Unit: NW
Latitude: 47 31 54
Longitude: 122 20 7

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Soil
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Suspected to be present
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

95
NNW
1/2-1
4255
Lower

VIOX MCDOWELL SITE
551 S RIVER ST
SEATTLE, WA 98108

CSCSL S104971267
N/A

SHWS:
Facility ID: 2260
Responsible Unit: NW
Latitude: 47 32 39
Longitude: 122 19 38

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

VIOX MCDOWELL SITE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104971267

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

5 - Lowest assessed risk to human health and to the environment

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

96
NNW
1/2-1
4305
Lower

VIOX CORP
6701 6TH AVE S
SEATTLE, WA 98108

FINDS 1000438851
RCRIS-LQG 98108VXCRP67
TRIS
CSCSL
WA ICR

RCRIS:

Owner: VIOX CORP

Contact: BRENT BRANDVIG
(206) 763-2170

Record Date: 12/31/1999

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D006	527.00	D008	527.00

Used Oil Recyc: No

Violation Status: No violations found

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

VIOX CORP (Continued)

1000438851

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Biennial Reporting System (BRS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

SHWS:

Facility ID: 3856995
Responsible Unit: NW
Latitude: 47 32 39
Longitude: 122 19 34

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	99
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

WA ICR:

Date Ecology Received Report:	12/03/1999
Contaminants Found at Site:	Metals
Media Contaminated:	Soil
Cause of Contamination:	Not reported
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-20
County Code:	17
Contact:	Not reported
Report Title:	Not reported

97
NNW
1/2-1
4668
Lower

BIG JOHNS TRUCK REPAIR INC
6533 3RD AVE S
SEATTLE, WA 98108

CSCSL S104917953
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BIG JOHNS TRUCK REPAIR INC (Continued)

Database(s)
EDR ID Number
EPA ID Number

S104917953

SHWS:

Facility ID: 44383713

Responsible Unit: NW

Latitude: 47 32 39

Longitude: 122 19 52

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:

Not reported

Halogenated Organic Compounds:

Not reported

Horizontal Collection Method:

2

EPA Priority Pollutants - Metals and Cyanide:

Not reported

Metals - Other non-priority pollutant metals:

Not reported

Polychlorinated biPhenyls (PCBs):

Not reported

Pesticides:

Not reported

Petroleum Products:

Not reported

Phenolic Compounds:

Not reported

Non-Halogenated Solvents:

Confirmed above MTCA cleanup levels

Dioxin:

Not reported

Polynuclear Aromatic Hydrocarbons (PAH):

Not reported

Reactive Wastes:

Not reported

Corrosive Wastes:

Not reported

Radioactive Wastes:

Not reported

Asbestos:

Not reported

Conventional Contaminants, Organic:

Not reported

Conventional Contaminants, Inorganic:

Not reported

Facility ID: 44383713

Responsible Unit: NW

Latitude: 47 32 39

Longitude: 122 19 52

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:

Not reported

Halogenated Organic Compounds:

Not reported

Horizontal Collection Method:

2

EPA Priority Pollutants - Metals and Cyanide:

Not reported

Metals - Other non-priority pollutant metals:

Not reported

Polychlorinated biPhenyls (PCBs):

Not reported

Pesticides:

Not reported

Petroleum Products:

Confirmed above MTCA cleanup levels

Phenolic Compounds:

Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BIG JOHNS TRUCK REPAIR INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104917953

Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

98
ESE
1/2-1
4830
Higher

BOEING D & SG MFC SITE
1008 E MARGINAL WAY S
SEATTLE, WA 98108

RCRIS-SQG
FINDS
CORRACTS

1000455948
WAD988475943

CORRACTS Data:

EPA Id: WAD988475943
Region: 10
State: WA
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 09/26/1992
Corrective Action: CA010 - RFA Initiation
EPA Id: WAD988475943
Region: 10
State: WA
Area Name: ENTIRE FACILITY
Original Scheduled Date: 09/30/1994
New Scheduled Date: Not reported
Actual Date: 09/21/1994
Corrective Action: CA050RF - RFA Completed, Assessment was an RFA
EPA Id: WAD988475943
Region: 10
State: WA
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 05/21/1997
Corrective Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
EPA Id: WAD988475943
Region: 10
State: WA
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 09/21/1994
Corrective Action: CA225NR - Stabilization Measures Evaluation, This facility is , not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
EPA Id: WAD988475943
Region: 10
State: WA
Area Name: ENTIRE FACILITY

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BIG JOHNS TRUCK REPAIR INC (Continued)

S104917953

Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

98
ESE
1/2-1
4830
Higher

BOEING D & SG MFC SITE
1008 E MARGINAL WAY S
SEATTLE, WA 98108

RCRIS-SQG 1000455948
FINDS WAD988475943
CORRACTS

CORRACTS Data:

EPA Id:	WAD988475943
Region:	10
State:	WA
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	09/26/1992
Corrective Action:	CA010 - RFA Initiation
EPA Id:	WAD988475943
Region:	10
State:	WA
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	09/30/1994
New Scheduled Date:	Not reported
Actual Date:	09/21/1994
Corrective Action:	CA050RF - RFA Completed, Assessment was an RFA
EPA Id:	WAD988475943
Region:	10
State:	WA
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	05/21/1997
Corrective Action:	CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
EPA Id:	WAD988475943
Region:	10
State:	WA
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	09/21/1994
Corrective Action:	CA225NR - Stabilization Measures Evaluation, This facility is , not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
EPA Id:	WAD988475943
Region:	10
State:	WA
Area Name:	ENTIRE FACILITY

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BOEING D & SG MFC SITE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000455948

Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 06/01/1994
Corrective Action: CA010 - RFA Initiation

The CORRACTS database contains 9 additional records for this site.
Please contact your EDR Account Executive for more information.

RCRIS:

Owner: BOEING CO
(206) 655-7431

Contact: ANDRO WIPPLINGER
(206) 544-6167

Record Date: 12/31/1996
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Biennial Reporting System (BRS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

99
ENE
1/2-1
4887
Higher

AMERICAN AVIONICS KING CNTY AIRPORT
7023 PERIMETER RD S
SEATTLE, WA 98108

CSCSL S104490864
N/A

SHWS:

Facility ID: 39659753
Responsible Unit: NW
Latitude: 47 32 22
Longitude: 122 18 21
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Ground Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations
or manufacturing processes, certain contaminants are suspected to be present at the
site

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Suspected to be present
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMERICAN AVIONICS KING CNTY AIRPORT (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104490864

Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 39659753

Responsible Unit: NW

Latitude: 47 32 22

Longitude: 122 18 21

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 4

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Confirmed above MTCA cleanup levels

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Confirmed above MTCA cleanup levels

Dioxin: Not reported

Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Reactive Wastes: Not reported

Corrosive Wastes: Not reported

Radioactive Wastes: Not reported

Asbestos: Not reported

Conventional Contaminants, Organic: Not reported

Conventional Contaminants, Inorganic: Not reported

100
NNW
1/2-1
4891
Lower

EVERCLEAN INC DBA GAS N WASH
551 S MICHIGAN ST
SEATTLE, WA 98108

RCRIS-SQG 1001491434
FINDS WA0000997585
CSCSL

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EVERCLEAN INC DBA GAS N WASH (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001491434

RCRIS:

Owner: EVERCLEAN INC
(206) 442-9100

Contact: PAM CUNNINGHAM
(253) 804-3498

Record Date: 12/31/1995
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 64981477
Responsible Unit: NW
Latitude: 47 32 44
Longitude: 122 19 40
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Final Independent Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has
been confirmed by laboratory analysis (or field determination in the case of petroleum
contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 64981477
Responsible Unit: NW
Latitude: 47 32 44
Longitude: 122 19 40
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Final Independent Remedial Action Report received

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EVERCLEAN INC DBA GAS N WASH (Continued)

1001491434

WARM Bin Number Indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Soil

Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by

Ecology

Base/Neutral/Acid Organics:

Not reported

Halogenated Organic Compounds:

Not reported

Horizontal Collection Method:

4

EPA Priority Pollutants - Metals and Cyanide:

Not reported

Metals - Other non-priority pollutant metals:

Not reported

Polychlorinated biPhenyls (PCBs):

Not reported

Pesticides:

Not reported

Petroleum Products:

Treated, removed, or contained

Phenolic Compounds:

Not reported

Non-Halogenated Solvents:

Not reported

Dioxin:

Not reported

Polynuclear Aromatic Hydrocarbons (PAH):

Not reported

Reactive Wastes:

Not reported

Corrosive Wastes:

Not reported

Radioactive Wastes:

Not reported

Asbestos:

Not reported

Conventional Contaminants, Organic:

Not reported

Conventional Contaminants, Inorganic:

Not reported

101
North
1/2-1
4894
Lower

EMERALD TOOL INC
6332 6TH S
SEATTLE, WA 98108

RCRIS-SQG 1000101621
FINDS WAD042476788
CERC-NFRAP
CSCSL

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Non NPL Code: NFRAP

Ownership Status: Other

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY

Assessment: PRELIMINARY ASSESSMENT

Assessment: SITE INSPECTION

Completed: 05/12/1982

Completed: 09/26/1984

Completed: 03/31/1986

CERCLIS-NFRAP Alias Name(s):

AND ALL ELECTRO CHROME, INC.

RCRIS:

Owner: Gary Walker
(206) 767-5670

Contact: DENNIS MCGUIRE
(206) 767-5670

Record Date: 12/31/1999

Classification: Conditionally Exempt Small Quantity Generator

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EMERALD TOOL INC (Continued)

1000101621

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 2084

Responsible Unit: NW

Latitude: 47 32 43

Longitude: 122 19 13

Ecology Site Status relative to the MTCA cleanup process:

Ranked, Awaiting Remedial Action (RA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

5 - Lowest assessed risk to human health and to the environment

Affected Media: Ground Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:

Not reported

Halogenated Organic Compounds:

Suspected to be present

Horizontal Collection Method:

99

EPA Priority Pollutants - Metals and Cyanide:

Suspected to be present

Metals - Other non-priority pollutant metals:

Not reported

Polychlorinated biPhenyls (PCBs):

Not reported

Pesticides:

Not reported

Petroleum Products:

Not reported

Phenolic Compounds:

Not reported

Non-Halogenated Solvents:

Suspected to be present

Dioxin:

Not reported

Polynuclear Aromatic Hydrocarbons (PAH):

Not reported

Reactive Wastes:

Not reported

Corrosive Wastes:

Suspected to be present

Radioactive Wastes:

Not reported

Asbestos:

Not reported

Conventional Contaminants, Organic:

Not reported

Conventional Contaminants, Inorganic:

Suspected to be present

Facility ID: 2084

Responsible Unit: NW

Latitude: 47 32 43

Longitude: 122 19 13

Ecology Site Status relative to the MTCA cleanup process:

Ranked, Awaiting Remedial Action (RA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

5 - Lowest assessed risk to human health and to the environment

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:

Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EMERALD TOOL INC (Continued)

1000101621

Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	99
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Suspected to be present
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Suspected to be present

102
WNW
1/2-1
4906
Lower

WASTE MANAGEMENT OF SEATTLE
7201 W MARGINAL WAY SW
SEATTLE, WA 98106

CSCSL 1000397432
N/A

SHWS:

Facility ID: 2425
Responsible Unit: NW
Latitude: 47 32 21
Longitude: 122 20 24
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2425

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

WASTE MANAGEMENT OF SEATTLE (Continued)

1000397432

Responsible Unit: NW

Latitude: 47 32 21

Longitude: 122 20 24

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Surface Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:

Not reported

Halogenated Organic Compounds:

Not reported

Horizontal Collection Method:

3

EPA Priority Pollutants - Metals and Cyanide:

Suspected to be present

Metals - Other non-priority pollutant metals:

Not reported

Polychlorinated biPhenyls (PCBs):

Not reported

Pesticides:

Not reported

Petroleum Products:

Suspected to be present

Phenolic Compounds:

Not reported

Non-Halogenated Solvents:

Not reported

Dioxin:

Not reported

Polynuclear Aromatic Hydrocarbons (PAH):

Not reported

Reactive Wastes:

Not reported

Corrosive Wastes:

Not reported

Radioactive Wastes:

Not reported

Asbestos:

Not reported

Conventional Contaminants, Organic:

Not reported

Conventional Contaminants, Inorganic:

Not reported

Facility ID: 2425

Responsible Unit: NW

Latitude: 47 32 21

Longitude: 122 20 24

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:

Not reported

Halogenated Organic Compounds:

Not reported

Horizontal Collection Method:

3

EPA Priority Pollutants - Metals and Cyanide:

Confirmed above MTCA cleanup levels

Metals - Other non-priority pollutant metals:

Not reported

Polychlorinated biPhenyls (PCBs):

Not reported

Pesticides:

Not reported

Petroleum Products:

Confirmed above MTCA cleanup levels

Phenolic Compounds:

Not reported

Non-Halogenated Solvents:

Not reported

Dioxin:

Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WASTE MANAGEMENT OF SEATTLE (Continued)

1000397432

Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2425
Responsible Unit: NW
Latitude: 47 32 21
Longitude: 122 20 24

Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:
Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Sediments
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

103
NNW
1/2-1
4951
Lower

FRANKS USED CARS
6305 E MARGINAL WAY S
SEATTLE, WA 98108

CSCSL S100079794
N/A

SHWS:

Facility ID: 2337
Responsible Unit: NW
Latitude: 47 32 43
Longitude: 122 19 52

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Air
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FRANKS USED CARS (Continued)

S100079794

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2337
Responsible Unit: NW
Latitude: 47 32 43
Longitude: 122 19 52

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Sediments
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2337
Responsible Unit: NW
Latitude: 47 32 43
Longitude: 122 19 52

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FRANKS USED CARS (Continued)

S100079794

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Ground Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Suspected to be present
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2337

Responsible Unit: NW

Latitude: 47 32 43

Longitude: 122 19 52

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Surface Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Suspected to be present
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FRANKS USED CARS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100079794

Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2337
Responsible Unit: NW
Latitude: 47 32 43
Longitude: 122 19 52
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Suspected to be present
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

X104
ENE
1/2-1
4978
Higher

BOEING ELECTRONIC MFG
7300 PERIMETER RD S
SEATTLE, WA 98108

CSCSL S104971190
N/A

Site 1 of 2 in cluster X

SHWS:
Facility ID: 63879778
Responsible Unit: NW
Latitude: 47 32 7
Longitude: 122 18 4
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BOEING ELECTRONIC MFG (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104971190

Horizontal Collection Method:	99
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

X105
ENE
1/2-1
5001
Higher

BOEING A&M ELECTRONIC MFG FACILITY
7355 PERIMETER RD S
SEATTLE, WA 98108

Site 2 of 2 in cluster X

RCRIS-SQG 1000257103
FINDS WAD980980270
UST
CSCSL

RCRIS:

Owner: BOEING CO
(206) 655-2502

Contact: JAMES JOHNSTONE
(206) 544-1230

Record Date: 12/31/1998
Classification: Small Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Biennial Reporting System (BRS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

SHWS:

Facility ID: 73142589
Responsible Unit: NW
Latitude: 47 32 17
Longitude: 122 18 19
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 4

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BOEING A&M ELECTRONIC MFG FACILITY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000257103

EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 73142589

Responsible Unit: NW

Latitude: 47 32 17

Longitude: 122 18 19

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Suspected to be present
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BOEING A&M ELECTRONIC MFG FACILITY (Continued)

Database(s)
EDR ID Number
EPA ID Number

1000257103

UST:

Facility ID: 10416
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: EXEMPT
Tank Name: PL 202
Tank Material: Steel-Unprotected
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 10416
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: PL 203
Tank Material: Steel-Unprotected
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
AGATE SAY	U003665913	PACIFIC NW GROUP A	707 ORCAS ST	98108	UST, WA ICR	510101
SEATTLE	S103512940	CALIFORNIA AVE. LAW APTS. PROP.	3703, 3705, 3707 CALIFORNIA AV		WA ICR	
SEATTLE	S103506798	EVERGREEN MARINE LEASING (THREE RE	7310 - 7350 8TH AVE. S.	98108	WA ICR	
SEATTLE	S104223669	SR 99 & FIRST AVE. BRIDGE SPILL/WS	SR 99 / FIRST AVE. BRIDGE		WA ICR	
SEATTLE	S103510367	UNION PACIFIC RAILROAD	4TH S. AND DAWSON	98108	WA ICR	
SEATTLE	S104918046	SOUTHPARK LANDFILL	8200 2ND AVE S	98108	CSCSL	2180
SEATTLE	S103508429	NORTHWEST ENVIRO SERVICE	1ST AVE. S.	98108	WA ICR	
SEATTLE	S104484977	MOBIL CANAL BULK PLANT	4401 11TH AVE. NW	98108	WA ICR	
SEATTLE	S105124711	CROSBY AUTO REPAIR SHOP	8621 14TH AVE. S.	98108	WA ICR	
SEATTLE	S105124730	ANDREWS PROPERTY	8520 14TH AVE. S.	98108	WA ICR	
SEATTLE	S103850809	FEDERAL AVIATION ADM	BEACON HILL	98108	WA ICR	
SEATTLE	S103506550	CITY OF SEATTLE/UNION PACIFIC RR R	7500 BLOCK OF E. MARGINAL WAY	98108	WA ICR	
SEATTLE	S103510953	V.A. MEDICAL CENTER	1770 S. COLUMBIA	98108	WA ICR	
SEATTLE	S104490872	GEORGETOWN CENTER	NW CORNER OF CORSON AVE S /	98108	CSCSL	96679259
SEATTLE	S103511549	BNRR (FORMER GLACIER PARK PROPERTY	SW CORNER OCCIDENTAL AVE./LAND		WA ICR	
SEATTLE	S103508792	RASMUSSEN EQUIPMENT	415 S. COVERDALE ST.	98108	WA ICR	
SEATTLE	1001234015	NORTHWEST ANTIFREEZE SVC INC	8661A DALLAS AVE S	98108	RCRIS-SQG, FINDS	
SEATTLE	S104918054	UPRR DIAGONAL AVE S SPUR	60 DIAGONAL S	98108	CSCSL	5246138
SEATTLE	S105124877	UNION PACIFIC RAILROAD	60 DIAGONAL WAY S.	98108	WA ICR	
SEATTLE	1003880504	BOEING COMPANY N FIELD SEATTLE CY	ELLIS AV / WILLOW ST INTERSECT	98108	CERC-NFRAP	
SEATTLE	S103504475	SEATTLE CITY LIGHT/N. BOEING FIELD	ELLIS AVE. S. ADJACENT TO BOEI	98108	WA ICR	
SEATTLE	S104320380	SEATTLE CITY LIGHT STEAMPLANT GEOR	1300 S GREELY ST	98108	CSCSL	6487827
SEATTLE	S103503667	BAXTER RUTHERFORD	911 S. HOSMER ST.	98108	WA ICR	
SEATTLE	S104179584	SOUTH PARK ABANDONED LANDFILL	IMMEDIATELY SOUTH OF SOUTH KEN		SWF/LF	
SEATTLE	S103505624	BOEING - NORTH FIELD - FIRE TRAINI	KING COUNTY AIRPORT	98108	WA ICR	
SEATTLE	S104484801	UNOCAL #3707	6956 ML KING JR. WAY S.	98108	WA ICR	
SEATTLE	S104484739	UNOCAL #3707 (TWO REPORTS)	6956 ML KING JR. WAY S.	98108	WA ICR	
SEATTLE	S104490882	LOWER DUWAMISH WATERWAY	LOWER DUWAMISH WATERWAY	98108	CSCSL	42927743
SEATTLE	1000708010	BAYSIDE DISPOSAL CO	7201 W MARGINAL WAY SW	98106	CSCSL	2183
SEATTLE	1003880338	DIMENSIONAL ENGINEERING	9407 E MARGINAL WY	98108	CERC-NFRAP	
SEATTLE	1003880489	SEATTLE, CY OF, 1ST AV BRG LDFL	E MARGINAL WY S / FIDALGO ST	98108	CERC-NFRAP	
SEATTLE	S103505620	BOEING - NORTH BOEING FIELD	E. MARGINAL WAY	98108	WA ICR	
SEATTLE	S105124713	MUSEUM OF FLIGHT PROPERTY	9404 E. MARGINAL WAY S.	98108	WA ICR	
SEATTLE	S103505652	BOEING FIELD - NORTH MAIN FUEL FAR	SE OF BLDG. 3-465	98108	WA ICR	
SEATTLE	S105124714	GALVIN FLYING SERVICES INC	7777 PERIMETER ROAD S.	98108	WA ICR	
SEATTLE	S103508959	SEATAC AIRPORT - PAN AM HANGER	PORT OF SEATTLE	98108	WA ICR	
SEATTLE	S104179583	GENESEE PARK ABANDONED LANDFILL	RAINIER VALLEY ON LAKE WASHING		SWF/LF	
SEATTLE	S103350801	SOUTH TS / SOUTH HHW FACILITY - MR	7800 SECOND AVENUE S		SWF/LF	NKS6

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D018	BENZENE
D027	1,4-DICHLOROBENZENE
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE

EPA Waste Codes Addendum

Code	Description
	CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F019	WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
U228	ETHENE, TRICHLORO-
U228	TRICHLOROETHYLENE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/26/01

Date Made Active at EDR: 08/28/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/06/01

Elapsed ASTM days: 22

Date of Last EDR Contact: 11/05/01

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 3

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 6

Telephone: 214-655-6659

EPA Region 8

Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 07/26/01

Date Made Active at EDR: 08/28/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/06/01

Elapsed ASTM days: 22

Date of Last EDR Contact: 11/05/01

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/12/01

Date Made Active at EDR: 10/16/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/01

Elapsed ASTM days: 22

Date of Last EDR Contact: 09/24/01

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/12/01
Date Made Active at EDR: 10/16/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/01
Elapsed ASTM days: 22
Date of Last EDR Contact: 09/24/01

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/20/01
Date Made Active at EDR: 10/30/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 09/24/01
Elapsed ASTM days: 36
Date of Last EDR Contact: 09/11/01

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 06/21/00
Date Made Active at EDR: 07/31/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 07/10/00
Elapsed ASTM days: 21
Date of Last EDR Contact: 11/07/01

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/08/00
Date Made Active at EDR: 09/06/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/11/00
Elapsed ASTM days: 26
Date of Last EDR Contact: 10/25/01

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 09/18/01
Date of Next Scheduled EDR Contact: 12/17/01

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: NTIS

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/00
Database Release Frequency: Annually

Date of Last EDR Contact: 10/09/01
Date of Next Scheduled EDR Contact: 01/07/02

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/26/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/05/01
Date of Next Scheduled EDR Contact: 02/04/02

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/13/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/01
Date of Next Scheduled EDR Contact: 01/07/02

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 05/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/01
Date of Next Scheduled EDR Contact: 01/21/02

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 05/29/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/01
Date of Next Scheduled EDR Contact: 01/07/02

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/24/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/01/01
Date of Next Scheduled EDR Contact: 12/31/01

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/21/01
Date of Next Scheduled EDR Contact: 11/19/01

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3936

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/30/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/25/01
Date of Next Scheduled EDR Contact: 11/12/01

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/13/01
Date of Next Scheduled EDR Contact: 12/10/01

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/99
Database Release Frequency: Annually

Date of Last EDR Contact: 09/24/01
Date of Next Scheduled EDR Contact: 12/24/01

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-1444

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 10/24/01
Date of Next Scheduled EDR Contact: 01/21/02

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/19/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/25/01
Date of Next Scheduled EDR Contact: 12/24/01

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 07/19/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/25/01
Date of Next Scheduled EDR Contact: 12/24/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF WASHINGTON ASTM STANDARD RECORDS

CSCSL: Confirmed & Suspected Contaminated Sites List

Source: Department of Ecology
Telephone: 360-407-7200

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 05/30/01
Date Made Active at EDR: 07/11/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/11/01
Elapsed ASTM days: 30
Date of Last EDR Contact: 08/20/01

HSL: Hazardous Sites List

Source: Department of Ecology
Telephone: 360-407-7200

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 08/28/01
Date Made Active at EDR: 10/03/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 09/10/01
Elapsed ASTM days: 23
Date of Last EDR Contact: 09/10/01

SWF/LF: Solid Waste Facility Database

Source: Department of Ecology
Telephone: 360-407-6132

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/01/00
Date Made Active at EDR: 12/22/00
Database Release Frequency: Annually

Date of Data Arrival at EDR: 11/30/00
Elapsed ASTM days: 22
Date of Last EDR Contact: 10/26/01

LUST: Leaking Underground Storage Tanks Site List

Source: Department of Ecology
Telephone: 360-407-7200

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/13/01
Date Made Active at EDR: 09/27/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/13/01
Elapsed ASTM days: 14
Date of Last EDR Contact: 09/13/01

UST: Underground Storage Tank Database

Source: Department of Ecology
Telephone: 360-407-7170

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 09/13/01
Date Made Active at EDR: 09/25/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/13/01
Elapsed ASTM days: 12
Date of Last EDR Contact: 09/13/01

STATE OF WASHINGTON ASTM SUPPLEMENTAL RECORDS

ICR: Independent Cleanup Reports

Source: Department of Ecology
Telephone: 360-407-7200

These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/05/01
Date of Next Scheduled EDR Contact: 11/19/01

CSCSL NFA: Confirmed & Contaminated Sites - No Further Action

Source: Department of Ecology
Telephone: 360-407-7170

The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead, a No Further Action code is entered based upon the type of NFA determination the site received.

Date of Government Version: 05/30/01
Database Release Frequency: N/A

Date of Last EDR Contact: 08/20/01
Date of Next Scheduled EDR Contact: 11/19/01

EMI: Washington Emissions Data System

Source: Department of Ecology
Telephone: 360-407-6040

Date of Government Version: 12/31/99
Database Release Frequency: Annually

Date of Last EDR Contact: 10/24/01
Date of Next Scheduled EDR Contact: 01/21/02

LOCAL RECORDS

KING COUNTY:

Abandoned Landfill Study in King County

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785

The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/85
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94
Date of Next Scheduled EDR Contact: N/A

SEATTLE COUNTY:

Abandoned Landfill Study in the City of Seattle

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785

The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/84
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94
Date of Next Scheduled EDR Contact: N/A

SEATTLE/KING COUNTY:

Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

Source: Department of Public Health
Telephone: 206-296-4785

This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/86
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/14/95
Date of Next Scheduled EDR Contact: N/A

SNOHOMISH COUNTY:

Solid Waste Sites of Record at Snohomish Health District

Source: Snohomish Health District
Telephone: 206-339-5250

Date of Government Version: 01/08/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/24/01
Date of Next Scheduled EDR Contact: 01/21/02

TACOMA/PIERCE COUNTY:

Closed Landfill Survey

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500

Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 04/15/93
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/11/95
Date of Next Scheduled EDR Contact: N/A

EDR PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

HISTORICAL AND OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SILVER BAY LOGGING
7760 8TH AVENUE
SEATTLE, WA 98108

TARGET PROPERTY COORDINATES

Latitude (North):	47.532902 - 47° 31' 58.4"
Longitude (West):	122.322701 - 122° 19' 21.7"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	550979.4
UTM Y (Meters):	5264389.5

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2447122-E3 SEATTLE SOUTH, WA
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General NW

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
KING, WA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 53033C0640F / CWPP

Additional Panels in search area: 53033C0645F / CWPP

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
SEATTLE SOUTH

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
Location Relative to TP: 1/4 - 1/2 Mile NNE
Site Name: STERNOFF METALS
Site EPA ID Number: WAD027474964
Groundwater Flow Direction: TOWARD THE DUWAMISH WATERWAY
Inferred Depth to Water: not available
Hydraulic Connection: Information is not available about the hydraulic connection between aquifer(s) underlying the site.
Sole Source Aquifer: No information about a sole source aquifer is available
Data Quality: Information is assumed in the CERCLUS investigation report(s)

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	1/4 - 1/2 Mile NNE	Not Reported
2	1/4 - 1/2 Mile ENE	W
3	1/2 - 1 Mile East	W
4	1/2 - 1 Mile NNW	SW
5	1/2 - 1 Mile NNE	W
A6	1/2 - 1 Mile North	SW
A7	1/2 - 1 Mile North	W
8	1/2 - 1 Mile North	WSW
9	1 - 2 Miles South	NNE
10	1 - 2 Miles SSE	W
11	1 - 2 Miles NNW	Not Reported
12	1 - 2 Miles North	W
13	1 - 2 Miles SSE	NW
14	1 - 2 Miles NNW	NE
15	1 - 2 Miles NNW	W
16	1 - 2 Miles WNW	WNW
17	1 - 2 Miles ENE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ROCK STRATIGRAPHIC UNIT

Era: Not Reported
System: Not Reported
Series: Not Reported
Code: Not Reported
WTB encoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Not Reported

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

No soil data reported.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 710057.1s



- Major Roads
- Contour Lines
- Airports
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons

- Earthquake epicenter, Richter 5 or greater
- Closest Hydrogeological Data

TARGET PROPERTY: Silver Bay Logging
 ADDRESS: 7760 8th Avenue
 CITY/STATE/ZIP: Seattle WA 98108
 LAT/LONG: 47.5329 / 122.3227

CUSTOMER: The Riley Group, Inc.
 CONTACT: Lannie Smith
 INQUIRY #: 710057.1s
 DATE: December 03, 2001 5:34 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1 NNE 1/4 - 1/2 Mile Higher	Site ID:	4431008342	AQUIFLOW	61033
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	8.86		
	Deepest Water Table Depth:	10.91		
	Average Water Table Depth:	Not Reported		
	Date:	Not Reported		
2 ENE 1/4 - 1/2 Mile Higher	Site ID:	5290	AQUIFLOW	61360
	Groundwater Flow:	W		
	Shallowest Water Table Depth:	4		
	Deepest Water Table Depth:	6.5		
	Average Water Table Depth:	Not Reported		
	Date:	04/13/1994		
3 East 1/2 - 1 Mile Higher	Site ID:	4073	AQUIFLOW	61378
	Groundwater Flow:	W		
	Shallowest Water Table Depth:	4		
	Deepest Water Table Depth:	10		
	Average Water Table Depth:	Not Reported		
	Date:	11/03/1992		
4 NNW 1/2 - 1 Mile Lower	Site ID:	Not Reported	AQUIFLOW	61191
	Groundwater Flow:	SW		
	Shallowest Water Table Depth:	9.52		
	Deepest Water Table Depth:	14.10		
	Average Water Table Depth:	Not Reported		
	Date:	12/10/1990		
5 NNE 1/2 - 1 Mile Higher	Site ID:	4136	AQUIFLOW	61046
	Groundwater Flow:	W		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	10		
	Date:	11/10/1992		
A6 North 1/2 - 1 Mile Lower	Site ID:	1579	AQUIFLOW	61365
	Groundwater Flow:	SW		
	Shallowest Water Table Depth:	5.3		
	Deepest Water Table Depth:	6.6		
	Average Water Table Depth:	Not Reported		
	Date:	12/23/1993		
A7 North 1/2 - 1 Mile Lower	Site ID:	309690	AQUIFLOW	61095
	Groundwater Flow:	W		
	Shallowest Water Table Depth:	6.60		
	Deepest Water Table Depth:	8.52		
	Average Water Table Depth:	Not Reported		
	Date:	06/03/1998		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
8 North 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	2884 WSW 6.76 7.55 Not Reported 06/28/1991	AQUIFLOW	61364
9 South 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	29883936 NNE Not Reported Not Reported 11 03/02/1998	AQUIFLOW	61068
10 SSE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	1476 W Not Reported Not Reported 12.5 12/05/1990	AQUIFLOW	61185
11 NNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	5685010209 Not Reported Not Reported Not Reported 8 04/05/1999	AQUIFLOW	61039
12 North 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	3034 W 8.26 9.12 Not Reported 06/1991	AQUIFLOW	61254
13 SSE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	2212 NW 8.7 11.0 Not Reported 04/22/1991	AQUIFLOW	61244
14 NNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	1844 NE 7.5 10 Not Reported 10/29/1995	AQUIFLOW	61132

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

15	Site ID:	1884		
NNW	Groundwater Flow:	W	AQUIFLOW	41926
1 - 2 Miles	Shallowest Water Table Depth:	8.25		
Lower	Deepest Water Table Depth:	8.78		
	Average Water Table Depth:	Not Reported		
	Date:	05/10/1991		

16	Site ID:	2885		
WNW	Groundwater Flow:	WNW	AQUIFLOW	61019
1 - 2 Miles	Shallowest Water Table Depth:	5.56		
Higher	Deepest Water Table Depth:	12.81		
	Average Water Table Depth:	Not Reported		
	Date:	07/02/1998		

17	Site ID:	1863		
ENE	Groundwater Flow:	Not Reported	AQUIFLOW	41857
1 - 2 Miles	Shallowest Water Table Depth:	2.66		
Higher	Deepest Water Table Depth:	4.40		
	Average Water Table Depth:	Not Reported		
	Date:	11/28/1995		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KING County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Zip Code: 98108

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.200 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the data of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Water Wells

Source: Department of Transportation
Telephone: 360-705-7444
Group A well location points in Washington State.

Kitsap County Water Wells in Washington

Source: Public Utility District No. 1 of Kitsap County
Telephone: 206-779-7656

RADON

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones: Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

APPENDIX E

LOWER DUWAMISH NPL AND SEDIMENT DOCUMENTATION

**SITE INSPECTION REPORT
LOWER DUWAMISH RIVER (RK 2.5 TO 11.5)
SEATTLE, WASHINGTON**

VOLUME 1—REPORT AND APPENDICES

Prepared for
**U.S. Environmental Protection Agency
Region 10
1200 Sixth Avenue
Seattle, Washington 98101**

Contract No. 68-W9-0046
Work Assignment No. 46-23-0JZZ
Work Order No. 4000-19-38-4100
Document Control No. 4000-19-38-AAAL

April 1999

Prepared by
**Roy F. Weston, Inc.
700 Fifth Avenue
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Seattle, WA 98104-5057**

ARCS QUALITY ASSURANCE CONCURRENCE

**Site Inspection Report
Lower Duwamish River (RK 2.5 to 11.5)
Seattle, Washington**

Project Name: Site Inspections—Multiple Sites
Contract Number: 68-W9-0046
Work Assignment Number: 46-23-0JZZ
Responsible Organization: Roy F. Weston, Inc.
700 Fifth Avenue, Suite 5700
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Signature: _____ Date: _____

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Signature: _____ Date: _____

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VOLUME 2

MAP FOLIO

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1. INTRODUCTION

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SECTION 1

INTRODUCTION

Pursuant to United States Environmental Protection Agency (EPA) Contract No. 68-W9-0046, Multiple Site Inspections, and Work Plan Addenda (WESTON 1994a and 1998a) WESTON conducted a Site Inspection (SI) of sediments in the lower Duwamish River from river kilometer (RK) 2.5 to RK 11.5 (see Figure 1-1).

The EPA (SI) Site Investigation process evaluates actual or potential environmental hazards at a particular site relative to other sites across the nation for the purpose of identifying remedial action priorities. The SI, under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA), is intended to collect sufficient data to determine a site's potential for inclusion on the National Priorities List (NPL) and establish priorities for additional action, if warranted.

The data collection efforts in the lower Duwamish River were also designed to complement and support the other ongoing environmental and beneficial use projects being conducted by various agencies and interested parties to restore and enhance aquatic habitats within the Duwamish River corridor.

This document represents a summary of the objectives, sampling activities, and results of the Duwamish River SI. Included are site background information (Section 2), project description (Section 3), sampling and analysis results (Section 4), and references.

2. BACKGROUND

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SECTION 2

BACKGROUND

2.1 SITE LOCATION AND DESCRIPTION

The Duwamish River originates at the confluence of the Green and Black rivers near Tukwila, WA, then flows northwest for approximately 21 kilometers (km), bifurcating at the southern end of Harbor Island to form the East and West waterways prior to discharging into Elliott Bay. The study area for this SI extends from the southern tip of Harbor Island (RK 2.5) to approximately 1.5 kilometers upchannel of the head of navigation (RK 11.5), also referred to as the upper turning basin or Turning Basin #3. The portion of the river that is maintained by the U.S. Army Corps of Engineers (Corps) as a federal navigation channel (i.e., the reach downchannel of Turning Basin #3) is typically referred to as the Duwamish Waterway. Navigation depths maintained by the Corps within the waterway generally range from -15 feet mean lower low water (MLLW) to -30 feet MLLW (WESTON 1994b).

The shorelines along the majority of the Duwamish Waterway have been developed for industrial and commercial operations, as the waterway serves as a major shipping route for containerized and bulk cargo. Common shoreline features within the study area include constructed bulkheads, with manmade structures such as piers, wharves and buildings extending over the water, and steeply sloped banks armored with riprap or other fill materials (e.g., concrete slabs and miscellaneous debris). Intertidal habitats are dispersed in relatively small patches (i.e., generally less than one acre in size), with the exception of Kellogg Island, which represents the largest contiguous area of intertidal habitat remaining in the Duwamish River (Tanner 1991).

The Duwamish River/Green River system drains an area of approximately 483 square miles, with peak runoff occurring during winter rains, and low flow throughout the late summer dry season (WESTON 1994b). Stream flow for most of the Duwamish River is regulated by the Howard-Hanson dam upstream of the junction of the Green and Black rivers. The Corps has limited peak discharges to 12,000 cubic feet per second (cfs) at Tukwila and minimum flows to as low as 200 cfs, with an average flow of 1,500 to 1,800 cfs.

Tidal effects have been observed throughout the entire reach of the Duwamish River, resulting in characteristic estuarine stratification of the river: surface water is generally fresh or brackish; bottom water is more saline. This bottom layer (referred to as a "salt wedge") oscillates with the river based on river flow volume and tidal stage, but tends to be persistent under low flow conditions and high tidal magnitude, being detected as far as 16 km upstream (WESTON 1994b).

Bottom sediment composition is variable throughout the study area. Available historical surface sediment data suggest the presence of coarser sediments (e.g., medium and coarse sands) in nearshore areas adjacent to combined sewer overflow (CSO) and storm drain (SD) discharges

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and riprap or similarly constructed banks, as well as in subtidal (scour) areas in the vicinity of the bridges that cross the river (e.g., the First Avenue South and 16th Avenue South bridges). Finer-grained sediments (i.e., silts and clays) have generally been encountered in the remnant mudflats, along channel sideslopes, and within portions of the navigation channel.

2.2 INDUSTRIAL OPERATIONS AND PAST INVESTIGATIONS

Much of the upland areas adjacent to the project area are heavily industrialized, and marine traffic within the Duwamish Waterway is considered to be intensive. Historical or current commercial and industrial operations include cargo handling and storage; marine construction; boat manufacturing; maintenance and repair; marina operations; concrete and other stone material manufacturing and distribution; paper and metals fabrication; food processing; and airplane parts manufacturing. In addition, this reach of the river is the receiving body for discharges from numerous municipal SDs and CSOs, as well as multiple privately held outfalls and drains.

Numerous past investigations within the Duwamish Waterway have been conducted with varying scopes. Some of the historical studies focused on specific properties, while the remaining studies were riverwide and incorporated sediment sampling as only one component of the entire study. These past sediment studies have indicated that polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), metals (e.g., mercury), miscellaneous organic compounds (e.g., phthalate esters and chlorinated benzenes), pesticides, and organotins are present in the river sediments at concentrations that may cause deleterious effects to humans and aquatic organisms. PCBs and bis(2-ethylhexy)phthalate appear to be the most widespread contaminants of potential concern, followed by metals (primarily mercury and zinc) and PAHs. These contaminants may have entered the river via several transport pathways or mechanisms, including spillage during product shipping and handling, direct disposal or discharge, contaminated groundwater discharge, surface water runoff, stormwater discharge, or contaminated soil erosion.

2.3 REGIONAL GEOLOGY

The regional geology of the Seattle area is dominated by recent tectonics and Quaternary glaciations. Drift unconsolidated glacial materials and nonglacial deposits cover structurally deformed Tertiary bedrock comprising marine and estuarine sandstone, shale, and conglomerate, in addition to basalt, andesite, and volcanoclastic rocks. Drift units, separated by nonglacial sediments, from at least five major glaciations are recognized. The last glacier retreated from the Seattle area about 13,500 years before present. Each glaciation is characterized by a complex sequence of lacustrine (lake) deposits, advance outwash (river sediment), glaciomarine drift, till, and recessional outwash. The preservation of these deposits is patchy due to the erosion and deposition during the succeeding nonglacial and glacial intervals. The nonglacial intervals are represented typically by alluvial deposits (Galster and Laprade 1991).

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The dominant post-glacial stratigraphy, which occupies relict subglacial meltwater channels scoured into advance outwash and older deposits during recession of the Puget lobe, consists of large, prograding river-mouth deltaic sequences that interfinger with marine embayment deposits. The Duwamish River valley is a relict trough and post-glacial ancient marine embayment, which has been filled with sediment in the past few thousand years by the prograding ancestral Duwamish river-mouth delta (Dragovich et al. 1994).

2.4 CHANNEL DYNAMICS

The original topography of the lower Duwamish River valley has been modified. Prior to development of the Duwamish River valley, the land surface consisted of low-lying floodplains and tidal flats. Prior to 1918, the Duwamish River was widely meandering. The natural slips cutting into the riverbank today are the only evidence of the river's original meandering course. During the period between 1910 and 1920, the lower portion of the river was channelized to create the Duwamish Waterway. The former river channel and surrounding floodplains were filled and graded to form the present-day topography.

2.5 AQUATIC RESOURCES AND CRITICAL HABITATS

The Duwamish River serves as a migratory route, nursery, and osmoregulatory transition zone for several species of Pacific salmon, including coho (*Oncorhynchus kistutch*), chinook (*O. tshawytscha*), chum (*O. keta*), pink (*O. gorbuscha*), as well as steelhead (*O. mykiss*) and cutthroat trout (*O. clarki*) (WESTON 1998b). Chinook and coho utilize Elliot Bay and the Duwamish estuary more extensively than any of the other species (WESTON 1998b). The runs are composed of native and hatchery-reared salmon as a result of the state hatchery program located on the Green River. As part of a continuing effort to protect dwindling Pacific salmon stocks, the Puget Sound chinook salmon has recently been listed as a threatened species under the Endangered Species Act.

The Duwamish River is part of the traditional fishing grounds for the Muckleshoot and Suquamish tribes. During seasonal migration runs, tribal members engage in a gillnet fishery for various commercially important salmonid species (e.g., chinook and coho salmon). The stocks also receive pressure from recreational fishing, which is popular at various public access locations along the lower reaches of the river.

There is a diverse assemblage of avian species present within the lower Duwamish River estuary. Both migratory and resident species of shorebirds, waterfowl, seabirds, songbirds, and raptors can be observed throughout much of the year. Piscivorous species recorded in the lower estuary include kingfisher and great blue heron. Raptors, such as hawks, bald eagles, and ospreys also reside and/or frequent the Duwamish corridor (WESTON 1994b). An active osprey nest located on the Birmingham Steel property was observed during the SI site reconnaissance, as well as during the field sampling program. It is also not uncommon to find bald eagles nesting in the

underdeveloped open spaces or parks in West Seattle. The type of habitat use is not well documented for any of these species, but at a minimum, the lower Duwamish estuary serves as an adult and juvenile forage area.

Mammals such as otters and muskrats have been observed along the Duwamish River corridor. Marine mammals, including harbor seals (*Phoca vitulina*), and California sea lions (*Zalophus californianus*) are known to frequently forage in Elliott Bay and have been sighted in the Duwamish Waterway (WESTON 1994b). Both harbor seals and California sea lions are classified by the Washington Department of Fish and Wildlife as state monitor species (WESTON 1998b).

2.6 POTENTIAL CONTAMINANT TRANSPORT PATHWAYS AND RECEPTORS

2.6.1 Sediment

Sediments located in areas of direct deposition of waste materials or receiving contaminated surface water or groundwater drainage may act as a receptor, and, in turn, also act as a source, because the sediments can retain contaminants. In addition, sediments can act as a source of contaminants to locations distal from the original source materials because they can be transported by tides, currents, and wave action. Aquatic organisms represent additional receptors that may be impacted by sediment-bound contaminants due to exposure via dermal contact, respiration, or direct ingestion. Exposed lower trophic-order organisms also provide a pathway for exposure of higher trophic-order organisms via ingestion of contaminated prey. The potential for sediments to act as a receptor and a source was evaluated through the collection and chemical analysis of surface and subsurface sediments and sediment porewater from locations throughout the 9-kilometer study area.

2.6.2 Surface Water

The surface waters of the Duwamish River represent the principal surface water receptor. The primary and secondary ecological receptors associated with this aquatic habitat include anadromous and resident populations of fish, and numerous piscivorous birds, migratory waterfowl, raptors, and mammals. As described above, in addition to direct deposition, transport of contaminants to the surface waters of the Duwamish River may have occurred via stormwater runoff, direct discharge (i.e., storm drains and CSO discharges), tidal flushing, or groundwater transport. However, water quality was not directly evaluated as a part of this project.

2.6.3 Soil

Although this medium may represent a source of contamination or an exposure mechanism to terrestrial receptors, soil conditions associated with adjacent upland areas were not evaluated as part of this investigation. However, soil that may have been eroded and transported to nearshore

sediment by stormwater flow was evaluated as part of the sediment pathway through collection of nearshore surface and subsurface sediment samples.

2.6.4 Groundwater

The groundwater pathway was not directly evaluated for this site, but the investigation of the sediment pathway would likely have captured areas of significant groundwater contamination that impacted sediment quality.

2.6.5 Air

The air pathway was not directly evaluated for this site, but the investigation of the sediment pathway would likely have captured potential impacts to riverine areas receiving significant particulate matter from the upland properties adjacent to the Duwamish River.

3. PROJECT DESCRIPTION

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SECTION 3

PROJECT DESCRIPTION

3.1 SAMPLING OBJECTIVES

The EPA SI process is used to determine actual or potential environmental hazards at a particular site relative to other sites across the nation for the purposes of identifying remedial action priorities. This project was designed to collect sufficient data to support an SI evaluation for a 9-kilometer section of the Duwamish River, as well as other ongoing environmental efforts being conducted by various agencies and interested parties.

The purpose of this investigation was to provide a screening level evaluation of sediment quality in the Duwamish River. Accordingly, the following sampling objectives were identified for this investigation:

- Characterize the nature and areal extent of contaminant distribution in surface (0-10 cm) sediments.
- Preliminarily characterize the nature and vertical extent of sediment contaminant distribution in shallow (up to 1.21 m below mudline) subsurface sediments in localized areas.
- Obtain sediment porewater samples to evaluate the potential bioavailability of organotins and metals to aquatic receptors.

3.2 SAMPLE TYPES, NUMBERS LOCATIONS AND RATIONALE

In total, 300 stations were sampled and analyzed for various contaminants as part of this SI effort. The following is a breakdown of the number of stations and samples collected for each media. A graphical representation of station location and identification is depicted in Maps 3-1 through 3-3.

3.2.1 Surface (300 stations)

- 312 surface sediment samples
- 300 primary surface (0 to 10 cm) sediment samples
- 12 duplicate surface (0 to 10 cm) sediment samples

3.2.2 Subsurface (17 stations co-located with selected surface sediment sample station)

- 35 subsurface sediment samples
- 17 primary subsurface (0 to 0.6 m) sediment samples
- 1 duplicate subsurface (0 to 0.6 m) sediment samples

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- 16 primary subsurface (0.6 to 1.2 m) sediment samples
- 1 duplicate subsurface (0.6 to 1.2 m) sediment sample

3.2.3 Porewater (15 stations co-located with selected surface sediment sample station)

- 16 surface sediment porewater samples
- 15 primary surface (0 to 10 cm) sediment porewater
- 1 duplicate surface (0 to 10 cm) sediment porewater

Surface, subsurface, and sediment porewater analyses performed at each station are depicted in Maps 3-4 through 3-6.

Split samples were provided to two interested parties owning properties adjacent to the study area. Information detailing interested parties and split sampling locations is provided in Table 3-1.

3.3 SAMPLING METHODS, ANALYTICAL REQUIREMENTS, AND STATION LOCATIONS

3.3.1 Sampling Methods

3.3.1.1 Surface Sediment Sampling

Subtidal surface sediments were collected using a stainless-steel modified 0.1 m² van Veen grab sampler in accordance with the procedures outlined in the sampling and analysis plan (SAP; WESTON 1998a). Up to eleven grabs were required at each station to achieve sufficient sediment volumes for bulk chemical and porewater analyses. Penetration depths for acceptable grabs ranged from 5 to 17 cm, depending on sediment type.

Observations of sediment composition were made for each sample and recorded on the appropriate field sample record forms (see Appendix A). Samples were placed in a stainless-steel container for homogenization; homogenized samples were placed in labeled precleaned sample jars or decontaminated high-density polyethylene (HDPE) buckets in the case of porewater samples. All sample containers were subsequently packed in coolers with ice for shipment.

3.3.1.2 Subsurface Sediment Sampling

Subsurface sediment samples were generally collected in accordance with the SAP (WESTON 1998a), with the exception of the size of the gravity corer selected for use. Based on past experience with coring in the Duwamish River, it was recommended that a 10.2 cm corer configured with a 1.52 m stainless-steel core barrel and a 317 kg weight stand be used, (Eaton 1998). Core recovery lengths varied throughout the study area depending on sediment type, and

ranged from 0.7 to 1.4 (m), with an average recovery of 1.3 (m). A summary of the actual recovery lengths is provided in Table 3-2.

Core processing was conducted aboard the sampling vessel. Sediment from each core was extruded onto a decontaminated 1.5 (m) stainless-steel tray by elevating the tube at an angle. When necessary, the core was tapped with a rubber mallet to loosen the sediment from the core barrel. Care was taken to ensure that samples were extruded slowly to maintain the integrity of the core. Once the core was extruded onto the tray, observations of sediment composition were made and recorded on the appropriate field sample record forms (see Appendix B). Samples were then placed in stainless-steel bowls for homogenization; homogenized samples were subsequently placed in labeled precleaned sample jars. All sample containers were packed in coolers with ice for shipment.

3.3.2 Analytical Requirements

In general, all samples were analyzed in accordance with the methods and procedures specified in the SAP (WESTON 1998a). A few minor deviations from the proposed sample analytical requirements occurred, as follows:

- Surface sediment organotin analyses were inadvertently omitted during the field sample collection effort at stations DR013, DR109, DR139, DR190, and DR228.
- Physical conditions encountered in the field, including the presence of obstructions (e.g., overhead lines, moorage lines, moored vessels, shallow water, and impenetrable substrates composed of gravel, large rocks, and wood debris prohibited the collection of surface and subsurface sediment samples at several originally proposed sampling locations. As a result, some stations were deleted from the sampling effort, and alternate locations were evaluated as substitutes and sampled when appropriate conditions permitted. Where necessary, subsurface sediment analyses were also modified to coincide with that of the co-located surface sediments. A list of the samples affected, analytical changes, and justification for deviation is provided in Table 3-3.

Chemical analyses conducted at each surface sediment sampling location (including porewater stations) are presented in Tables 3-4 through 3-7. Chemical analyses conducted at each subsurface sediment sampling location are presented in Table 3-8.

3.3.3 Station Locations

3.3.3.1 Surface Sediment Stations

Considerable effort was made to collect surface sediment at or within close proximity of the sampling locations identified in the SAP. However, as described in Section 3.3.2, sampling locations had to be relocated due to physical obstructions or poor substrate conditions in several instances. Under the latter condition, multiple attempts were made before the given station was abandoned. In some cases, an appropriate alternate site was established and sampled

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accordingly. A description of the sites affected and the corrective action taken is provided in Table 3-3. Complete station coordinates are provided in Appendix C.

3.3.3.2 Subsurface Sediment Stations

Considerable effort was made to co-locate subsurface sediment sampling locations within 3 meters of the previously occupied surface sediment sampling locations. However, in several instances, subsurface sediment conditions prohibited adequate recovery of subsurface sediment. If an adequate sample could not be obtained after numerous attempts, then the station was abandoned or moved to an area of more favorable sampling conditions that had previously been sampled for surface (0 to 10 cm) sediment. Station-positioning modifications are detailed in Table 3-3. Complete station coordinates are provided in Appendix C.

3.4 SAMPLE HANDLING, PACKAGING, AND SHIPPING

Samples were handled, packaged, and shipped in accordance with the procedures specified in the SAP (WESTON 1998a).

3.5 DOCUMENTATION

All field documentation, sample designation and labeling, and chain of custody procedures were followed in accordance with the procedures specified in the SAP (WESTON 1998a).

3.6 EQUIPMENT DECONTAMINATION AND INVESTIGATION-DERIVED WASTE

Procedures specified in the SAP (WESTON, 1998a) for decontaminating equipment and disposing of investigation-derived wastes (IDW) were followed during field activities.

4. SAMPLING RESULTS

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SECTION 4

SAMPLING RESULTS

The following sections present analytical data generated during this SI. A log summarizing individuals and affiliated agencies contacted during the course of this SI is provided in Appendix D. Chain-of-custody forms and data validation reports can be provided by EPA Region 10 upon request.

4.1 DATA PRESENTATION

Analytical data tables for surface, subsurface, and surface sediment porewater are presented in Appendix E, along with a list of data qualifiers. Analytical data are reported as follows:

- Sediment inorganic concentrations are expressed in units of milligram per kilogram (mg/kg) dry-weight
- Sediment organic concentrations are expressed in units of microgram per kilogram ($\mu\text{g/kg}$) dry-weight; sediment nonionic/nonpolar organics are also expressed in units of $\mu\text{g/kg}$ -organic carbon (i.e., the dry-weight concentration was normalized to the organic carbon content of the sample by dividing the chemical concentration by the sample-specific decimal fraction of organic carbon).
- Sediment porewater inorganic concentration and organotin compound concentration are expressed in units of microgram per liter ($\mu\text{g/L}$).
- Sediment organotin concentrations are expressed in units of $\mu\text{g-ion/kg-dry weight}$ and $\mu\text{g-ion/kg-organic carbon}$
- Sediment total organic carbon (TOC) content and grain size fractions are expressed as percentages.

4.2 DATA EVALUATION METHODS

4.2.1 Comparisons with Effects-Based Screening Values

Average and range of concentrations have been provided in the analytical results section of this report for selected analytes found to be at elevated concentrations and/or possess a wide distribution throughout the study area. Because information collected as part of this investigation may be used by various regulatory agencies, including the National Oceanic and Atmospheric Administration (NOAA), Washington State Department of Ecology (Ecology), and the EPA, the sediment and porewater data were also compared to several effects-based screening guidelines to assist in the interpretation of potential risks associated with exposures to these media at the site. The screening guidelines used for such comparisons include:

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4.2.1.1 Sediment Screening Guidelines

- Washington State Sediment Management Standards (SMS) Sediment Quality Standard (SQS) and Cleanup Screening Level (CSL) (WAC 173-204). SQS are long-term cleanup goals that correspond to a sediment quality that will not result in adverse effects to biological resources. CSL are less stringent standards that correspond to minor adverse effects to biological resources; they are typically used to determine if remediation is required in a specific area.
- The SMS include TOC-normalized criteria for nonionic/nonpolar organic compounds. However, these criteria are generally only effective at predicting adverse effects in sediments with TOC content greater than 0.5 percent (Michelsen 1997). Also, in cases where high TOC (greater than 3 to 4 percent) may be due to some anthropogenic contribution (e.g., oils and wood debris), TOC normalization may not be appropriate. Where TOC exceeded 4 percent, concentrations of nonionic/nonpolar organic chemicals for these samples were compared with the Apparent Effects Threshold (AET) values (Barrick et al. 1988). The AET values are the functional equivalent of the SQS and CSL values, only they are expressed on a dry-weight basis. The lowest AET (LAET) was used as the equivalent of the SQS, and the second lowest AET (2LAET) was used in place of the CSL.

4.2.1.2 Porewater Screening Guidelines

- Federal marine chronic and acute Ambient Water Quality Criteria (AWQC; EPA 1995). As a requirement of the Clean Water Act (CWA), ambient water quality criteria have been published for the protection of aquatic organisms and human health (40 CFR 131). Acute values are designed to protect for short-term exposures to higher concentration, whereas chronic criteria address long-term exposures. While not promulgated standards, states and tribes are expected to adopt these criteria as their standards or develop criteria affording a similar degree of protectiveness.
- Washington State marine acute and chronic AWQC (WAC 173-201A). State water quality standards have been promulgated and incorporate the federal criteria in large measure.
- EPA proposed marine acute and chronic AWQC for tributyltin (TBT; EPA 1997). These guidelines are based on protection of most invertebrates and fishes, but do not protect for the most sensitive life stages or taxa.

These comparisons are only depicted in the graphical representations contained within Volume 2 of this report and are not discussed in the analytical results section. Summaries of the above screening guidelines, as well as other potentially applicable effects-based screening values, are provided in Appendix F.

4.2.2 Additional Evaluations of TBT Data

No standards are available for evaluating tributyltin in sediment. However, screening guidelines have been proposed for evaluation of TBT for use in several Puget Sound sediment management

programs. The guidelines are based on partitioning theory and estimate a threshold sediment concentration based on an effects concentration in water. The following formula is used to calculate the sediment concentration of TBT:

$$[TBT]_{sed\ oc} = [TBT]_{pw} * K_{oc}$$

Where:

$[TBT]_{pw}$ = Concentration of TBT in porewater ($\mu\text{g/L}$)

$[TBT]_{sed\ oc}$ = Concentration of TBT in sediment ($\mu\text{g/kg oc}$)

K_{oc} = Organic carbon partition coefficient (L/kg)

For the purpose of this study, the PSDDA porewater screening guideline of $0.15\ \mu\text{g TBT/L}$ was used to calculate a lower-end sediment screening concentration of $3,765\ \mu\text{g/kg oc}$, based on a K_{oc} of 25,100 (Meador et al. 1997). An upper-end sediment screening value was derived based on the marine acute water quality criterion and resulted in a concentration of $9,287\ \mu\text{g/kg oc}$. A TOC of 1 percent was used to calculate the dry weight equivalents for these screening concentrations.

4.3 ANALYTICAL RESULTS

4.3.1 Surface Sediment

4.3.1.1 Polychlorinated Biphenyls (PCBs)

PCBs were analyzed at all surface sediment sampling stations. Total PCBs were detected at 91 percent of these stations. Total PCB concentration averaged $334\ \mu\text{g/kg}$ and ranged from 20 to $12,000\ \mu\text{g/kg dry-weight (DW)}$. The highest measured total PCB concentration occurred in Reach C at station DR207. Aroclors 1254, 1260, and 1242 were the only PCB Aroclors detected. Aroclor 1254 was detected at 89 percent of the stations at concentrations ranging from 20 to $9,400\ \mu\text{g/kg DW}$. Aroclor 1260 was also frequently detected at 85 percent of the surface sediment stations. The highest measured concentration for Aroclors 1254 and 1260 occurred at station DR271 and DR207, respectively. Aroclor 1242 was infrequently detected at 13 percent of the stations. A statistical summary and complete listing of the PCB and PCB congener data are presented, as dry-weight concentrations, in Appendix E-1. A statistical summary and complete data listing of the TOC-normalized data can also be found in Appendix E-1. Map series 4-1 provides a graphical representation of the total PCB results for the entire waterway.

4.3.1.2 Base-Neutral Acid Extractables (BNAs)

BNAs were analyzed and detected at all surface sediment stations collected for this study. PAHs were most prevalent. Total high molecular weight PAHs (HPAHs) were encountered in

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98 percent of the samples collected. Total HPAH concentration averaged 4,356 µg/kg and ranged from 20 to 50,840 µg/kg DW. The highest measured HPAH concentration was observed in Reach A at station DR044. Fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene were also ubiquitous throughout the waterway.

Total low molecular weight PAHs (LPAHs) and phenanthrene were detected at 97 percent of the surface sediment stations sampled. Total LPAH concentration averaged 791 µg/kg and ranged from 30 to 20,030 µg/kg DW. Phenanthrene averaged 514 µg/kg DW and ranged from 30 to 16,000 µg/kg DW. The highest measured concentration for LPAHs and phenanthrene occurred in Reach C at station DR175. Acenaphthene, fluorene, phenol, and hexachlorobenzene were also encountered in the waterway.

Bis(2-ethylhexyl) phthalate and butyl benzyl phthalate were detected at 74 and 64 percent of the surface sediment sampling stations, respectively. Bis(2-ethylhexyl) phthalate averaged 568 µg/kg, and ranged from 20 to 11,000 µg/kg DW. Butyl benzyl phthalate concentration averaged 47 µg/kg, with a range of 20 to 940 µg/kg DW. The highest concentrations of both analytes occurred at station DR008. A statistical summary and a complete listing of the BNA data are presented, as dry-weight concentrations, in Appendix E-2. A statistical summary and complete data listing of the TOC-normalized data can also be found in Appendix E-2. Map series 4-2 through 4-13 provides a graphical representation of these BNA results for the entire waterway.

4.3.1.3 Total Inorganics

Analytical results indicate that total inorganics were detected at all surface sediment sampling stations. Mercury was detected in 96 percent of the surface sediment samples collected for this study. The average mercury concentration was 0.18 mg/kg and ranged from 0.02 to 1.6 mg/kg DW. The highest mercury concentration occurred in Reach B at station DR157. Arsenic and zinc were also detected at all surface sediment stations. Maximum concentrations for both analytes occurred in Reach A at station DR020. The highest lead concentration was recorded in Reach D at station DR254. Appendix E-3 provides a statistical summary of the data and a complete data listing. Map series 4-14 through 4-17 provides a graphical representation of mercury, arsenic, lead, and zinc at selected reaches.

4.3.1.4 Pesticides

Pesticides were analyzed at 47 of the surface sediment sampling stations. Pesticides were infrequently detected with exception to 4,4'-dichloro-diphenyl-trichloroethene (4,4'-DDT) and its associated metabolites (i.e., 4,4'-DDD and 4,4'-DDE). 4,4'-DDT was detected in approximately 11 percent of those samples analyzed for this analyte. 4,4'-DDT had a mean concentration of 42 µg/kg and ranged from 2 to 1,670 µg/kg DW. The highest concentrations of 4,4'-DDT, 4,4'-DDD, and 4,4'-DDE were detected in Reach C at station DR178. Appendix E-1 provides a statistical summary of pesticide data and a complete listing of the data. Map series

4-18 through 4-20 provides a graphical representation of the 4,4'-DDT, 4,4'-DDD, and 4,4'-DDE results at selected reaches.

4.3.1.5 Dioxins/Furans

Analyses for dioxins/furans were conducted at 30 surface sediment sampling stations. Analytical results indicate that dioxins/furans were detected at all stations. For this study, total 2,3,7,8-TCDD (equivalence) was used as a measure of the relative toxicity of the various congeners identified. Total 2,3,7,8-TCDD (equivalence) had a mean concentration of 16 ng/kg, and ranged from below the method detection limit to 218 ng/kg DW. The highest concentration occurred in Reach B at DR123. Appendix E-4 provides a statistical summary and a complete listing of the data. Map series 4-21 provides a graphical representation of the total 2,3,7,8-TCDD results throughout the waterway.

4.3.1.6 Organotins

Organotins (reported as Organotin-ion) were analyzed at 92 of the surface sediment sampling stations. The most commonly detected organotin constituent was tri-n-butyltin (TBT), occurring in 92 percent of the samples analyzed for this analyte. TBT concentration averaged 70 µg/kg and ranged from 1 to 320 µg/kg DW, with the highest concentration identified at station DR002. Appendix E-5 provides a statistical summary of organotin data and a complete data listing. Map series 4-22 provides a graphical representation of the TBT results throughout the waterway.

4.3.1.7 Volatile Organic Compounds (VOCs)

VOCs were analyzed at 47 surface sediment sampling stations. VOCs were infrequently detected, with exception of 2-butanone. 2-Butanone was detected at 26 percent of the surface sediment stations sampled for this analyte. 2-Butanone concentrations averaged 30 µg/kg and ranged from 5 µg/kg to 35 µg/kg DW. The highest measured concentration occurred at station DR154. Appendix E-6 provides a statistical summary and complete listing of the VOC data, as dry-weight concentrations.

4.3.1.8 Total Organic Carbon (TOC)

TOC analysis was performed at all surface sediment sampling stations. Analytical results indicate that TOC averaged 2.2 percent. TOC ranged from 0.1 to 9.2 percent, with the highest concentration measured at DR042. Appendix E-7 provides a statistical summary and a complete listing of the TOC data. Map series 4-23 provides a graphical representation of TOC results for the entire waterway.

4.3.1.9 Grain Size

Grain size analysis was performed at all surface sediment sampling stations. Sediments were characterized as coarse if the total fines fraction was less than 55 percent fines. Sediments

identified as having 55 percent fines or greater were labeled as fine-grain sediments. As a result, the majority of stations sampled for this study were characterized as having fine-grain sediments. Analytical results indicate that stations averaged 65 percent total fines and 33 percent total sand. Total fines ranged from 1 to 97 percent, with the greatest percentage of fines occurring at station DR244. Total sands ranged from 3 to 99 percent. Station DR297 was identified as the station with the highest percentage of sands. Appendix E-7 provides a statistical summary and a complete listing of the grain size data. Map series 4-24 provides a graphical representation of grain size results for the entire waterway.

4.3.2 Subsurface Sediment

4.3.2.1 Polychlorinated Biphenyls

PCBs were analyzed at all of the subsurface sediment sampling stations. Total PCBs were detected at 76 percent of the subsurface stations analyzed and averaged 583 $\mu\text{g/kg}$ DW, with a range of 37 to 4,043 $\mu\text{g/kg}$ DW. The highest concentration was detected in Reach A at the 2- to 4-foot interval of station DR021. Aroclors 1254, 1260, and 1242 were the only PCB Aroclors detected. Aroclor 1254 was most frequently detected at 76 percent of the stations sampled. Concentrations of Aroclor 1254 ranged from 37 to 2,200 $\mu\text{g/kg}$, with the highest concentration measured at Reach A in the 0- to 2-foot interval of station DR068. Aroclor 1260 was also detected at many of the stations (73 percent) and ranged from 22 to 678 $\mu\text{g/kg}$ DW. The maximum concentration of Aroclor 1260 was identified at the surface interval of station DR206 in Reach C. Aroclor 1242 was detected in 58 percent of the samples analyzed for this analyte. A statistical summary and complete listing of the PCB and PCB congener data are presented, as dry-weight concentrations, in Appendix E-8. A statistical summary and complete data listing of the TOC-normalized data can also be found in Appendix E-8. Map series 4-25 provides a graphical representation of total PCB results throughout the entire waterway.

4.3.2.2 Base-Neutral Acid Extractables

BNAs were analyzed at all subsurface sediment sampling stations and were frequently detected. Subsurface sediment results were similar to that of the surface, due to the prevalence of PAHs. Total HPAH and LPAH were detected in every core sampled. Total HPAH concentration averaged 3,095 $\mu\text{g/kg}$ DW, with a range of 80 to 15,080 $\mu\text{g/kg}$. The highest total HPAH concentration was measured at the 2- to 4-foot interval of station DR054. Fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene were detected at this same station and interval.

Total LPAH and phenanthrene were detected at 100 percent of the subsurface samples collected. The total LPAH concentration averaged 411 $\mu\text{g/kg}$ and ranged from 20 to 2,310 $\mu\text{g/kg}$ DW. Phenanthrene averaged 252 $\mu\text{g/kg}$ DW and ranged from 20 to 1,500 $\mu\text{g/kg}$. The highest measured concentration for LPAHs and phenanthrene occurred in Reach A at the 2- to 4-foot interval of station DR054. Acenaphthene, fluorene, phenol, and hexachlorobenzene were also encountered in the waterway.

Phthalates were frequently detected at subsurface stations, as well. Bis(2-ethylhexyl)phthalate and butyl benzyl phthalate were detected at 88 and 61 percent of the subsurface samples, respectively. Bis(2-ethylhexyl) averaged 741 $\mu\text{g/kg}$ and ranged from 30 to 6,900 $\mu\text{g/kg}$ DW. The maximum concentration was measured at the 0- to 2-foot interval of station DR008. Butyl benzyl phthalate ranged from 20 to 670 $\mu\text{g/kg}$, with an average concentration of 70 $\mu\text{g/kg}$ DW. The highest measured concentration of butyl benzyl phthalate was observed at station DR008, 2 to 4 feet below the surface. A statistical summary and a complete listing of the BNA data are presented, as dry-weight concentrations, in Appendix E-9. A statistical summary and complete data listing of the TOC-normalized data can also be found in Appendix E-9. Map series 4-26 through 4-37 provides a graphical representation of these BNA results throughout the waterway and selected reaches.

4.3.2.3 Total Inorganics

Total inorganics were analyzed at all subsurface sediment sampling stations. Analytical results indicate that total inorganics were detected at all stations. Mercury was detected at 100 percent of the subsurface sediment samples collected for this study. The average mercury concentration was 0.30 mg/kg and ranged from 0.06 to 1.44 mg/kg DW. The highest measured concentration occurred at the 2- to 4-foot interval of station DR054 in Reach A. The highest concentrations of arsenic, lead, and zinc were also measured at DR054. Appendix E-10 provides a statistical summary and a complete listing of the total inorganic data. Map series 4-38 through 4-41 provides a graphical representation of mercury, arsenic, lead, and zinc at selected reaches.

4.3.2.4 Pesticides

Pesticides were analyzed at 8 of the subsurface sediment sampling stations. Pesticides were infrequently detected, with the exception of 4,4'-DDD and 4,4'-DDE. 4,4'-DDD was detected in 44 percent of the samples analyzed for this metabolite and ranged from 2 to 14 $\mu\text{g/kg}$ DW. The highest concentration occurred at station DR008, 2 to 4 feet below the surface. 4,4'-DDE was detected at a frequency of 63 percent, with a range of 1 to 18 $\mu\text{g/kg}$ DW. The highest 4,4'-DDE concentration was detected in Reach A at the 2- to 4-foot interval of station DR021. A statistical summary and complete data listing of the pesticide data, as dry-weight concentrations, are presented in Appendix E-8. Map series 4-42 through 4-44 provides a graphical representation of the 4,4'-DDT, 4,4'-DDD and 4,4'-DDE results at selected reaches.

4.3.2.5 Organotins

Organotins (reported as organotin-ion) were analyzed at 13 of the subsurface sediment sampling stations. The most commonly detected organotin was TBT, occurring in 80 percent of the samples analyzed for this analyte. TBT concentration averaged 235 $\mu\text{g/kg}$ DW, and ranged from 3 to 2,500 $\mu\text{g/kg}$. The highest TBT concentration was measured at the surface interval of station DR054. Appendix E-11 provides a statistical summary and complete data listing of organotin data in subsurface sediments. Map series 4-45 provides a graphical representation of the TBT results throughout the waterway.

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4.3.2.6 Total Organic Carbon

TOC analysis was performed at all subsurface sediment sampling stations. Analytical results indicate that TOC averaged 2.2 percent. TOC ranged from 0.8 to 3.6 percent, with the highest concentration measured at DR008. Appendix E-12 provides a statistical summary and complete data listing of the TOC data.

4.3.2.7 Grain Size

Grain size analysis was performed at all subsurface sediment sampling stations. Analytical results indicate that subsurface stations averaged 76 percent total fines and 23 percent total sand. Total fines ranged from 30 to 94 percent, with the greatest percentage of fines occurring at the 2- to 4-foot interval of stations DR044. Total sands ranged from 6 to 69 percent. The highest percentage of sands was identified at the 2- to 4-foot fraction of station DR269. Appendix E-12 provides a statistical summary and complete data listing of the grain size data.

4.3.3 Sediment Porewater Analysis

4.3.3.1 Total Inorganics

Total inorganics were analyzed at all surface sediment porewater stations. Analytical results indicate that total inorganics were detected at all stations. Arsenic was detected at 80 percent of the surface sediment porewater stations. Arsenic concentration averaged 53 µg/L and ranged from 26 to 114 µg/L. The highest measured concentration occurred at station DR244. Appendix E-13 provides a statistical summary and a complete data listing of the surface sediment porewater data. Map series 4-46 provides a graphical representation of surface sediment porewater results for arsenic throughout the entire waterway.

4.3.3.2 Organotins

Organotins were analyzed at all surface sediment porewater sampling stations. The most commonly detected organotin constituent was TBT; occurring in 53 percent of the samples analyzed for this analyte. Detected TBT concentrations ranged from less than the method detection limit to 0.08 µg/L, with the highest concentration measured at station DR055. Appendix E-14 provides a statistical summary and a complete data listing of organotin data in surface sediment porewater. Map series 4-47 provides a graphical representation of surface sediment porewater results for TBT throughout the entire waterway.

5. REFERENCES

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SECTION 5

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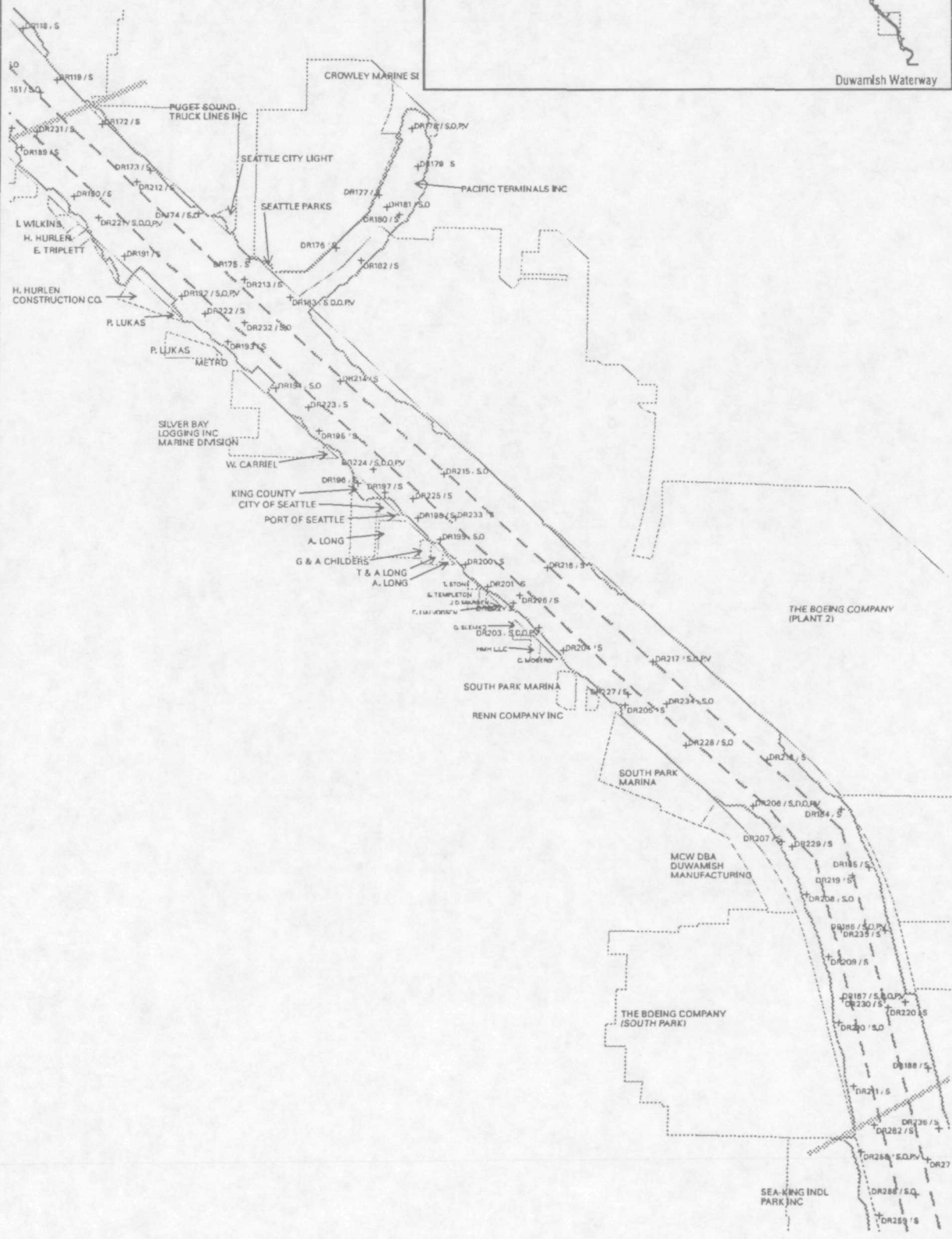
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3-4c Map

S = Grain Size, BNAs, Conventional Parameters,
Inorganic Totals, PCB-Aroclors PCB Congeners
D = Dioxins/Furans
O = Organotins
P = Pesticide
V = VOC

SCALE 1:8000
100 0 100 200 300 400
Feet

Duwamish Waterway



4-11c

Notes:

- 1) Top posted value is TOC-normalized concentration.
- 2) Lower posted value is Dry-weight concentration.
- 3) Units are in ug/kg.
- 4) Standard value is listed in (i) in Symbol Explanation

SCALE 1:8000

● Non-Detect	■ Non-Detect
○ Below ERL	□ Below SL
○ Above ERL and Below ERM	□ Above SL and Below ML
● Above ERM	■ Above ML

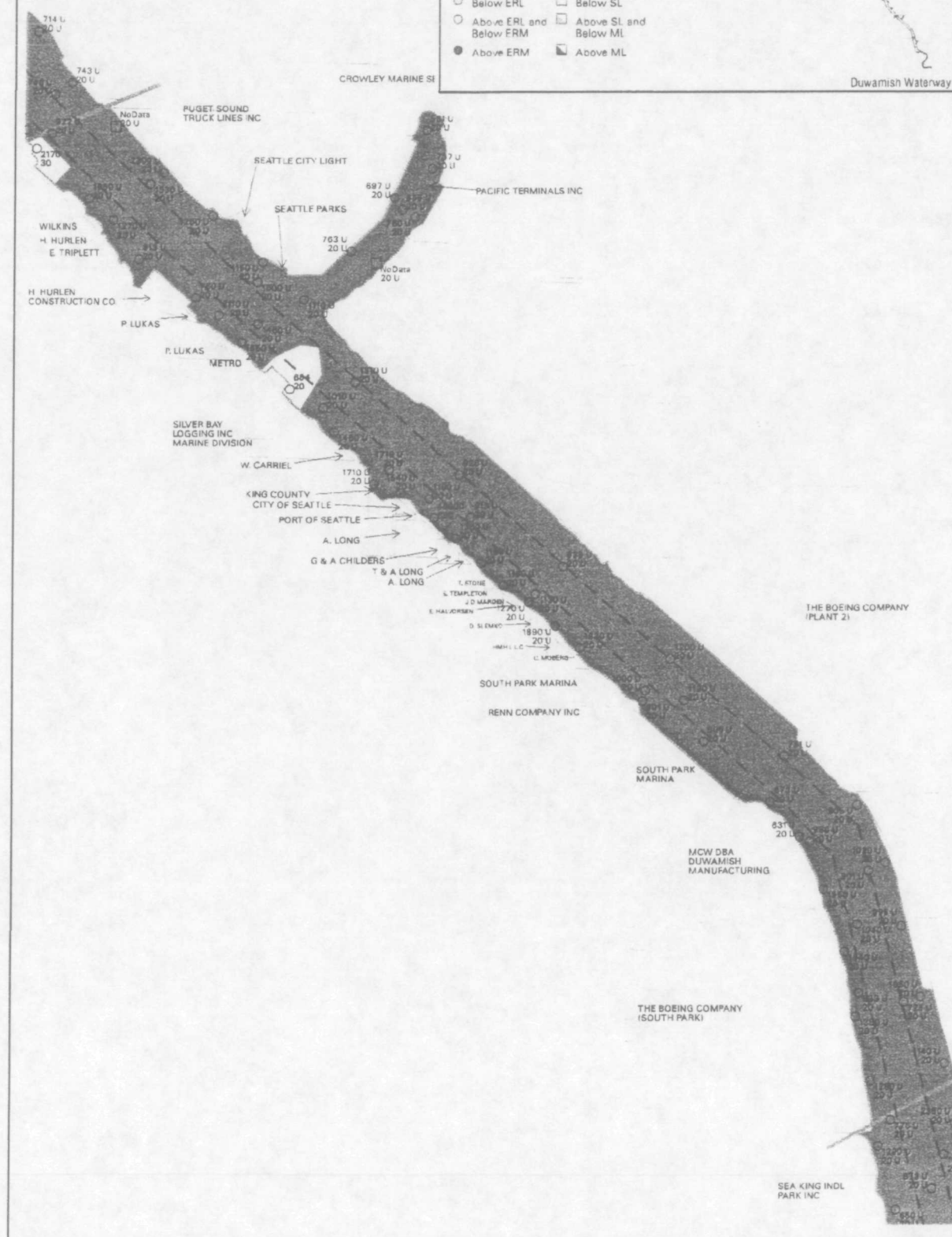


Table 3-6—Reach C Sampling Locations and Analyses

WESTON Sample ID	EPA Sample ID	Analysis							
		TAL Metals	BNA and PCB ^a	VOCs	Pesticides	Organotins	Dioxins	TOC	Grain Size
Surface Sediment									
SD-DR172-0000	98344048	X	X					X	X
SD-DR173-0000	98344049	X	X					X	X
SD-DR174-0000	98344098	X	X			X		X	X
SD-DR175-0000	98344097	X	X					X	X
SD-DR176-0000	98364019	X	X					X	X
SD-DR177-0000	98354003	X	X					X	X
SD-DR178-0000	98354000	X	X	X	X	X		X	X
SD-DR178-1000	98354001	X	X	X	X	X		X	X
SD-DR179-0000	98354002	X	X					X	X
SD-DR180-0000	98354004	X	X					X	X
SD-DR181-0000	98364025	X	X			X		X	X
PW-DR181-0000	98364038	X				X			
SD-DR182-0000	98354005	X	X					X	X
SD-DR183-0000	98354006	X	X	X	X	X	X	X	X
SD-DR184-0000	98344066	X	X					X	X
SD-DR185-0000	98354073	X	X					X	X
SD-DR186-0000	98354072	X	X	X	X	X		X	X
SD-DR187-0000	98354070	X	X	X	X	X	X	X	X
SD-DR188-0000	98354029	X	X					X	X
SD-DR189-0000	98384005	X	X					X	X
SD-DR190-0000	98334055	X	X					X	X
SD-DR191-0000	98334061	X	X					X	X
SD-DR192-0000	98334057	X	X	X	X	X		X	X
SD-DR193-0000	98334059	X	X					X	X
SD-DR194-0000	98344086	X	X			X		X	X
SD-DR195-0000	98344089	X	X					X	X
SD-DR196-0000	98344090	X	X					X	X
SD-DR197-0000	98344092	X	X					X	X
SD-DR198-0000	98344094	X	X					X	X
SD-DR199-0000	98344095	X	X			X		X	X
SD-DR200-0000	98344096	X	X					X	X
SD-DR201-0000	98354064	X	X					X	X
SD-DR202-0000	98354081	X	X					X	X
SD-DR203-0000	98354066	X	X	X	X	X	X	X	X
SD-DR204-0000	98354080	X	X					X	X
SD-DR205-0000	98354078	X	X					X	X
SD-DR206-0000	98354077	X	X	X	X	X	X	X	X
SD-DR207-0000	98354076	X	X					X	X
SD-DR208-0000	98354074	X	X			X		X	X
SD-DR209-0000	98354071	X	X					X	X
SD-DR210-0000	98354031	X	X			X		X	X
SD-DR211-0000	98354030	X	X					X	X
SD-DR212-0000	98344084	X	X					X	X
SD-DR213-0000	98344085	X	X					X	X
SD-DR214-0000	98344062	X	X					X	X
SD-DR215-0000	98344063	X	X			X		X	X
SD-DR216-0000	98344099	X	X					X	X
SD-DR217-0000	98344065	X	X	X	X	X		X	X
SD-DR218-0000	98344064	X	X					X	X
SD-DR219-0000	98384007	X	X					X	X

Table 3-6—Reach C Sampling Locations and Analyses

WESTON Sample ID	EPA Sample ID	Analysis							
		TAL Metals	BNA and PCB ^a	VOCs	Pesticides	Organotins	Dioxins	TOC	Grain Size
SD-DR220-0000	98354033	X	X					X	X
SD-DR221-0000	98334056	X	X	X	X	X	X	X	X
SD-DR222-0000	98334058	X	X					X	X
SD-DR223-0000	98344087	X	X					X	X
SD-DR223-1000	98344088	X	X					X	X
SD-DR224-0000	98344091	X	X	X	X	X	X	X	X
SD-DR225-0000	98344093	X	X					X	X
SD-DR226-0000	98354065	X	X					X	X
SD-DR227-0000	98354079	X	X					X	X
SD-DR228-0000	98364027	X	X			X		X	X
PW-DR228-0000	98364040	X				X			
SD-DR229-0000	98354075	X	X					X	X
SD-DR230-0000	98354032	X	X					X	X
SD-DR231-0000	98334054	X	X					X	X
SD-DR232-0000	98334060	X	X			X		X	X
SD-DR233-0000	98344068	X	X					X	X
SD-DR234-0000	98344067	X	X			X		X	X
SD-DR235-0000	98354063	X	X					X	X

PW-DR228-0000 Porewater sample

^aAnalyzed for both Aroclors and Congeners

Table 3-8—Subsurface Sediment Core Sample Analyses

WESTON Sample ID	EPA Sample ID	Analysis					
		TAL Metals	BNA and PCB ^a	Pesticides	Organotins	TOC	Grain Size
Reach A							
SD-DR008-0000A	98394014	X	X	X	X	X	X
SD-DR008-0020	98394015	X	X	X	X	X	X
SD-DR021-0000A	98394012	X	X	X	X	X	X
SD-DR021-0020	98394013	X	X	X	X	X	X
SD-DR025-0000A	98394010	X	X	X	X	X	X
SD-DR025-0020	98394011	X	X	X	X	X	X
SD-DR044-0000A	98394023	X	X			X	X
SD-DR044-0020	98394024	X	X			X	X
SD-DR054-0000A	98394008	X	X		X	X	X
SD-DR054-0020	98394009	X	X		X	X	X
SD-DR068-0000A	98394016	X	X		X	X	X
Reach B							
SD-DR101-0000A	98394006	X	X	X	X	X	X
SD-DR101-0020	98394007	X	X	X	X	X	X
SD-DR106-0000A	98394004	X	X			X	X
SD-DR106-0020	98394005	X	X			X	X
SD-DR112-0000A	98394002	X	X		X	X	X
SD-DR112-0020	98394003	X	X		X	X	X
SD-DR137-0000A	98394027	X	X	X	X	X	X
SD-DR137-0020	98394028	X	X	X	X	X	X
SD-DR137-1000A	98394029	X	X	X	X	X	X
SD-DR137-1020	98394030	X	X	X	X	X	X
SD-DR171-0000A	98394033	X	X		X	X	X
SD-DR171-0020	98394034	X	X		X	X	X
Reach C							
SD-DR220-0000A	98394031	X	X			X	X
SD-DR220-0020	98394032	X	X			X	X
SD-DR206-0000A	98394021	X	X	X	X	X	X
SD-DR206-0020	98394022	X	X	X	X	X	X
SD-DR224-0000A	98394000	X	X	X	X	X	X
SD-DR224-0020	98394001	X	X	X	X	X	X
Reach D							
SD-DR246-0000A	98394017	X	X		X	X	X
SD-DR246-0020	98394018	X	X		X	X	X
SD-DR269-0000A	98394025	X	X			X	X
SD-DR269-0020	98394026	X	X			X	X
SD-DR284-0000A	98394019	X	X	X	X	X	X
SD-DR284-0020	98394020	X	X	X	X	X	X

^a Analyzed for both Aroclors and congeners.

Table F-1—Summary of Sediment Quality Guidelines

Compound	Long & Morgan ^d		WA State SMS ^a		AETs ^f		MacDonald et al. ^g		PSDDA ^h		EP Marine ⁱ	
	ER-L	ER-M	SQS	CSL	LAET	2LAET	TEL	PEL	SL	ML	CHRONIC	ACUTE
Inorganics (mg/kg DW)												
Antimony	2.0	25			150	200			150	200		
Arsenic	8.2	70	57	93	57	93	7.24	41.6	57	700	33	64
Cadmium	1.2	9.6	5.1	6.7	5.1	6.7	0.676	4.21	5.1	14	31	96
Chromium	81	370	260	270	260	270	52.3	160				
Copper	34	270	390	390	390	390	18.7	108	390	1,300	136 ^a	216 ^a
Lead	46.7	218	450	530	450	530	30.2	112	450	1,200	132 ^a	3,360 ^a
Mercury	0.15	0.71	0.41	0.59	0.41	0.59	0.13	0.7	0.41	2.3	0.032 ^a	0.6 ^a
Nickel	20.9	51.6			>140	>140	15.9	42.8	140	370		
Silver	1.0	3.7	6.1	6.1	6.1	6.1	0.73	1.77	6.1	8.4		
Zinc	150	410	410	960	410	960	124	271	410	3,800	760 ^a	2,240 ^a
BNAs (µg/kg DW)												
2-Methylnaphthalene	70	670			670	1,400	20.2	201	670	1,900		
Naphthalene	160	2,100			2,100	2,400	34.6	391	2,100	2,400	500 ^{b,c}	42,000 ^a
Acenaphthylene	44	640			1,300	1,300	5.87	128	560	1,300		
Acenaphthene	16	500			500	730	6.71	88.9	500	2,000	16,500 ^b	23,000 ^b
Fluorene	19	540			540	1,000	21.2	144	540	3,600	59 ^{b,c}	
Phenanthrene	240	1,500			1,500	5,400	86.7	543.5	1,500	21,000	110 ^{b,c}	
Anthracene	85	1,100			960	4,400	46.9	245	960	13,000	190 ^{b,c}	
Total LPAH	552	3,160			5,200	13,000	312	1442	5,200	29,000		
Fluoranthene	600	5,100			1,700	2,500	113	1494	1,700	30,000	1,600 ^{b,c}	36,000 ^a
Pyrene	665	2,600			2,600	3,300	153	1398	2,600	16,000	850 ^{b,c}	
Benzo(a)anthracene	261	1,600			1,300	1,600	74.8	693	1,300	5,100	1,600 ^{b,c}	220,000 ^a
Chrysene	384	2,800			1,400	2,800	107.8	846	1,400	21,000	1,200 ^{b,c}	
Total Benzofluoranthenes					3,200	3,600			3,200	9,900		
Benzo(a)pyrene	430	1,600			1,600	3,000	88.8	763	1,600	3,600	18,000 ^{b,c}	
Dibenz(a,h)anthracene	63	260			230	540	6.22	135	230	1,900	12,000 ^{b,c}	
Benzo(g,h,i)perylene					670	720			670	3,200		
Total HPAH	1,700	9,600			12,000	17,000	655	6676	12,000	69,000		
Phenol			420	1,200	420	1,200			420	1,200		
2-Methylphenol			63	63	63	72			63	77		
4-Methylphenol			670	670	670	1,800			670	3,600		
2,4-Dimethylphenol			29	29	29	72			29	210		

Table F-1—Summary of Sediment Quality Guidelines

Compound	Long & Morgan ^d		WA State SMS ^e		AETs ^f		MacDonald et al. ^g		PSDDA ^h		EP Marine ⁱ	
	ER-L	ER-M	SQS	CSL	LAET	2LAET	TEL	PEL	SL	ML	CHRONIC	ACUTE
Pentachlorophenol			360	690	360	690			400	690		
Benzyl alcohol			57	73	57	73			57	870		
Benzoic acid			650	650	650	650			650	760		
1,2-Dichlorobenzene					35	50			35	110		
1,3-Dichlorobenzene					170	170			170			
1,4-Dichlorobenzene					110	120			110	120		
1,2,4-Trichlorobenzene					31	51			31	64		
Hexachlorobenzene					22	70			22	230		
Dimethylphthalate					71	160			1,400			
Diethylphthalate					200	200			1,200			
Di-n-butylphthalate					1,400	1,400			5,100			
Butylbenzylphthalate					63	900			970			
Bis(2-ethylhexyl)phthalate					1,300	1,900	182	2647	8,300			
Di-n-octylphthalate					6,200	6,200			6,200			
Dibenzofuran					540	700			540	1,700		
Hexachlorobutadiene					11	120			29	270		
Hexachloroethane									1,400	14,000		
n-Nitrosodiphenylamine					28	40			28	130		
BNAs (µg/kg TOCN)												
2-Methylnaphthalene			38,000	64,000								
Naphthalene			99,000	170,000								
Acenaphthylene			66,000	66,000								
Acenaphthene			16,000	57,000								
Fluorene			23,000	79,000								
Phenanthrene			100,000	480,000								
Anthracene			220,000	1,200,000								
Total LPAH			370,000	780,000								
Fluoranthene			960,000	1,200,000								
Pyrene			1,000,000	1,400,000								
Benzo(a)anthracene			110,000	270,000								
Chrysene			110,000	460,000								
Total Benzofluoranthenes			230,000	450,000								
Benzo(a)pyrene			99,000	210,000								
Indeno(1,2,3-cd)pyrene			34,000	88,000								

Table F-1—Summary of Sediment Quality Guidelines

Compound	Long & Morgan ^d		WA State SMS ^e		AETs ^f		MacDonald et al. ^g		PSDDA ^h		EP Marine ⁱ	
	ER-L	ER-M	SQS	CSL	LAET	2LAET	TEL	PEL	SL	ML	CHRONIC	ACUTE
Dibenz(a,h)anthracene			12,000	33,000								
Benzo(g,h,i)perylene			31,000	78,000								
Total HPAH			960,000	5,300,000								
1,2-Dichlorobenzene			2,300	2,300								
1,4-Dichlorobenzene			3,100	9,000								
1,2,4-Trichlorobenzene			810	1,800								
Hexachlorobenzene			380	2,300								
Dimethylphthalate			53,000	53,000								
Diethylphthalate			61,000	110,000								
Di-n-butylphthalate			220,000	1,700,000								
Butylbenzylphthalate			4,900	64,000								
Bis(2-ethylhexyl)phthalate			47,000	78,000								
Di-n-octylphthalate			58,000	4,500,000								
Dibenzofuran			15,000	58,000								
Hexachlorobutadiene			3,900	6,200								
n-Nitrosodiphenylamine			11,000	11,000								
VOCs (µg/kg DW)												
Ethylbenzene					10	33			10	50		
Tetrachloroethene					57	140			57	210		
Trichloroethene									160	1,600		
Xylene (Total)					40	100			40	160		
Pesticides (µg/kg DW)												
Aldrin									10			
Chlordane	0.5	6					2.26	4.79	10			
Dieldrin	0.02	8					0.72	4.3	10			
Endrin	0.02	45										
Heptachlor									10			
Lindane							0.32	0.99	10			
p,p'-DDD	2	20			16	43	1.22	7.81				
p,p'-DDE	2.2	27			9	15	2.07	374				
p,p'-DDT	1	7			34	34	1.19	4.77				
Total DDT	1.58	46.1					3.89	51.7	6.9	6.9		

Table F-1—Summary of Sediment Quality Guidelines

Compound	Long & Morgan ^d		WA State SMS ^e		AETs ^f		MacDonald et al. ^g		PSDDA ^h		EP Marine ⁱ	
	ER-L	ER-M	SQS	CSL	LAET	2LAET	TEL	PEL	SL	ML	CHRONIC	ACUTE
PCBs (µg/kg DW)												
Total PCB	22.7	180			130	1,000	21.6	189	130	3,100	280	
PCBs (µg/kg TOCN)												
Total PCB			12,000	65,000								

^aBased on 4 percent TOC.

^bBased on 1 percent TOC.

^c99th percentile value

^dLong, E.R. and L.G. Morgan. 1990 with 1995 update. The Potential for Biological Effects of Sediment-Sorbed Contaminants Tested in the National Status and Trends Program. NOAA Technical Memorandum NOS OMA 52.

^eWAC 173-204

^fBarrick, R., S. Becker, L. Brown, H. Beller, and R. Pastorak. 1988. Sediment Quality Values Refinement: 1988 Update and Evaluation of Puget Sound AET.

^gMacDonald, D.D., R. Carr, F. Calder, E. Long, and C. Ingersoll. 1996. Development and Evaluation of Sediment Quality Guidelines for Florida Coastal Waters.

^hPSDDA 1998 (http://www.nws.usace.army.mil/dmml/sl_ml-t.htm)

ⁱEquilibrium partitioning values as presented in Barrick et al., 1988 (see footnote f)

DW: Dry-weight

TOCN: Normalized to total organic carbon con

ER-L: Effects range-low

ER-M: Effects range-median.

SQS: Sediment quality standard

CSL: Cleanup screening level

AET: Apparent effects threshold

LAET: Lowest AET

2LAET: Second-lowest AET

TEL: Threshold effects level

PEL: Probable effects level

SL: Screening level

ML: Maximum level

Blank cell indicates criterion not available.

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	Cvalue	QUAL	UNITS
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	208-96-8	Acenaphthylene	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	120-12-7	Anthracene	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	56-55-3	Benzo(a)anthracene	5130		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	50-32-8	Benzo(a)pyrene	5980		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	191-24-2	Benzo(g,h,i)perylene	5130		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	TOTAL-BNZF	Benzo(a)fluoranthene (Total)	12800	T	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	117-81-7	bis(2-Ethylhexyl)phthalate	22200		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	85-68-7	Butylbenzylphthalate	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	218-01-9	Chrysene	7690		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	53-70-3	Dibenz(a,h)anthracene	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	132-64-9	Dibenzofuran	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	84-66-2	Diethylphthalate	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	131-11-3	Dimethylphthalate	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	84-74-2	Di-n-butylphthalate	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	117-84-0	Di-n-octylphthalate	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	206-44-0	Fluoranthene	12800		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	86-73-7	Fluorene	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	118-74-1	Hexachlorobenzene	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	87-68-3	Hexachlorobutadiene	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	193-39-5	Indeno(1,2,3-cd)pyrene	5130		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	91-20-3	Naphthalene	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	86-30-6	N-Nitrosodiphenylamine	3420	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	85-01-8	Phenanthrene	4270		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	129-00-0	Pyrene	11100		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	TOTAL-HPAH	Total HPAH (TOCN)	65800	T	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	TOTAL-LPAH	Total LPAH (TOCN)	4270	T	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	CONV	7440-44-0	Total Organic Carbon	1.17		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	35822-46-9	1234678-HpCDD	66		pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	67562-39-4	1234678-HpCDF	13		pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	55673-89-7	1234789-HpCDF	1.6	U	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	39227-28-6	123478-HxCDD	0.82	U	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	70648-26-9	123478-HxCDF	1.4	U	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	57653-85-7	123678-HxCDD	2.7	U	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	57117-44-9	123678-HxCDF	0.48	U	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	19408-74-3	123789-HxCDD	2.3	U	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	72918-21-9	123789-HxCDF	0.45	U	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	40321-76-4	12378-PeCDD	0.63	U	pg/g

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	Cvalue	QUAL	UNITS
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	57117-41-6	12378-PeCDF	0.29	U	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	60851-34-5	234678-HxCDF	0.45	U	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	57117-31-4	23478-PeCDF	0.66	U	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	1746-01-6	2378-TCDD	0.27	U	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	51207-31-9	2378-TCDF	0.76	U	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	3268-87-9	OCDU	600		pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	39001-02-0	OCDF	39		pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	TOTAL-D/F	Total 2,3,7,8-TCDD(Equiv)	0.8539	T	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	37871-00-4	Total HpCDD	170		pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	38998-75-3	Total HpCDF	52		pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	34465-46-8	Total HxCDD	15		pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	55684-94-1	Total HxCDF	14		pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	36088-22-9	Total PeCDD	1.4	U	pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	30402-15-4	Total PeCDF	4.9		pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	41903-57-5	Total TCDD	1.8		pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	DIOX/FUR	55722-27-5	Total TCDF	6.6		pg/g
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	UNDER 1	<1 microns-Fractional %	3.49		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	OVER 9525	>9525 microns-Fractional %	0.00		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	1000-500	1000-500 microns-Fractional	2.60		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	125-62	125-62 microns-Fractional %	29.52		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	15.6-7.8	15.6-7.8 microns-Fractional %	7.35		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	2000-1000	2000-1000 microns-Fractional	0.37		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	2-1	2-1 microns-Fractional %	1.51		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	250-125	250-125 microns-Fractional %	12.95		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	3.9-2	3.9-2 microns-Fractional %	2.72		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	31-15.6	31-15.6 microns-Fractional %	11.01		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	4000-2000	4000-2000 microns-Fractional	0.00		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	500-250	500-250 microns-Fractional %	7.96		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	62-31	62-31 microns-Fractional %	16.15		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	7.8-3.9	7.8-3.9 microns-Fractional %	4.37		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	9525-4000	9525-4000 microns-Fractional	0.00		%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	TOTAL-FINE	Total Fines	46.6	T	%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	GRAINSZ	TOTAL-SAND	Total Sand	53.4	T	%
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7429-90-5	Aluminum	12200		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-36-0	Antimony	10	UJ	mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-38-2	Arsenic	6.1		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-39-3	Barium	39		mg/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	C value	QUAL	UNITS
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-41-7	Beryllium	0.26		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-43-9	Cadmium	0.21		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-70-2	Calcium	3890		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-47-3	Chromium	15		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-48-4	Cobalt	6		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-50-8	Copper	29		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7439-89-6	Iron	15500	J	mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7439-92-1	Lead	13.6		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7439-95-4	Magnesium	4460		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7439-96-5	Manganese	181		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7439-97-6	Mercury	0.17		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-02-0	Nickel	12.7		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-09-7	Potassium	1500		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7782-49-2	Selenium	4		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-22-4	Silver	0.20		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-23-5	Sodium	7100		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-28-0	Thallium	0.08		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-31-5	Tin	2	UJ	mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-62-2	Vanadium	40		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	I-TOTAL	7440-66-6	Zinc	57		mg/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	ORGANOTN	1002-53-5	Di-n-butyltin (as Organotin)	10	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	ORGANOTN	2406-65-7	n-Butyltin (as Organotin)	10	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	ORGANOTN	1461-25-2	Tetra-n-butyltin (as Organotin)	10	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	ORGANOTN	688-73-3	Tri-n-butyltin (as Organotin)	18		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	ORGANOTN	1002-53-5	Di-n-butyltin (as Organotin)	855	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	ORGANOTN	2406-65-7	n-Butyltin (as Organotin)	855	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	ORGANOTN	1461-25-2	Tetra-n-butyltin (as Organotin)	855	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	ORGANOTN	688-73-3	Tri-n-butyltin (as Organotin)	1540		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	40186-72-9	2,2',3,3',4,4',5,5',6-Nonachloro	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	52663-78-2	2,2',3,3',4,4',5,6-Octachlorobip	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	35065-30-6	2,2',3,3',4,4',5-Heptachlorobiph	1	J	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	38380-07-3	2,2',3,3',4,4'-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	35065-29-3	2,2',3,4,4',5,5'-Heptachlorobiph	2	J	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	35065-28-2	2,2',3,4,4',5'-Hexachlorobiphen	4	J	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	52663-68-0	2,2',3,4',5,5',6-Heptachlorobiph	2	J	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	35065-27-1	2,2',4,4',5,5'-Hexachlorobiphen	3	J	ug/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	C value	QUAL	UNITS
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl	2	J	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	35693-99-3	2,2',5,5'-Tetrachlorobiphenyl (1	J	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	37680-65-2	2,2',5-Trichlorobiphenyl (PCB1	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	39635-31-9	2,3,3',4,4',5,5'-Heptachlorobiph	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	38380-08-4	2,3,3',4,4',5-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	69782-90-7	2,3,3',4,4',5'-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	52663-72-6	2,3',4,4',5,5'-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	31508-00-6	2,3',4,4',5-Pentachlorobipheny	2	J	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	74472-37-0	2,3,4,4',5-Pentachlorobiphenyl	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	65510-44-3	2',3,4,4',5-Pentachlorobiphenyl	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	32598-10-0	2,3',4,4'-Tetrachlorobiphenyl (2	J	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	7012-37-5	2,4,4'-Trichlorobiphenyl (PCB2	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	32774-16-6	3,3',4,4',5,5'-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	57465-28-8	3,3',4,4',5-Pentachlorobiphenyl	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	70362-50-4	3,4,4',5-Tetrachlorobiphenyl (P	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PCB-CONG	2051-24-3	Decachlorobiphenyl (PCB209)	1	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	72-54-8	4,4'-DDD	2	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	72-55-9	4,4'-DDE	1		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	50-29-3	4,4'-DDT	5	UI	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	309-00-2	Aldrin	1	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	319-84-6	alpha-BHC	1	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	5103-71-9	alpha-Chlordane	1	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	12674-11-2	Aroclor 1016	20	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	11104-28-2	Aroclor 1221	40	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	11141-16-5	Aroclor 1232	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	53469-21-9	Aroclor 1242	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	12672-29-6	Aroclor 1248	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	11097-69-1	Aroclor 1254	29		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	11096-82-5	Aroclor 1260	28		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	319-85-7	beta-BHC	1	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	60-57-1	Dieldrin	3	UI	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	959-98-8	Endosulfan I	1	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	33213-65-9	Endosulfan II	2	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	1031-07-8	Endosulfan Sulfate	2	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	72-20-8	Endrin	2	U	ug/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	C value	QUAL	UNITS
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	7421-93-4	Endrin Aldehyde	2	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	53494-70-5	Endrin Ketone	2	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	58-89-9	gamma-BHC (Lindane)	1	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	5103-74-2	gamma-Chlordane	1	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	76-44-8	Heptachlor	1	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	1024-57-3	Heptachlor Epoxide	1	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	72-43-5	Methoxychlor	2		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	1336-36-3	Total PCB	57	T	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	8001-35-2	Toxaphene	140	UI	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	PEST/PCB	1336-36-3	Total PCB (TOCN)	4870	T	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	630-20-6	1,1,1,2-Tetrachloroethane	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	71-55-6	1,1,1-Trichloroethane	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	79-34-5	1,1,2,2-Tetrachloroethane	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	79-00-5	1,1,2-Trichloroethane	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	75-34-3	1,1-Dichloroethane	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	75-35-4	1,1-Dichloroethene	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	513-88-2	1,1-Dichloropropanone	11.4	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	563-58-6	1,1-Dichloropropene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	87-61-6	1,2,3-Trichlorobenzene	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	96-18-4	1,2,3-Trichloropropane	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	95-63-6	1,2,4-Trimethylbenzene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	96-12-8	1,2-Dibromo-3-chloropropane	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	106-93-4	1,2-Dibromoethane	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	107-06-2	1,2-Dichloroethane	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	78-87-5	1,2-Dichloropropane	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	108-67-8	1,3,5-Trimethylbenzene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	142-28-9	1,3-Dichloropropane	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	109-69-3	1-Chlorobutane	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	594-20-7	2,2-Dichloropropane	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	78-93-3	2-Butanone	5.3		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	95-49-8	2-Chlorotoluene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	591-78-6	2-Hexanone	9.2	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	79-46-9	2-Nitropropane	11.4	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	106-43-4	4-Chlorotoluene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	108-10-1	4-Methyl-2-Pentanone	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	67-64-1	Acetone	11.2	UJK	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	107-05-1	Allyl chloride	4.6	U	ug/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	Cvalue	QUAL	UNITS
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	71-43-2	Benzene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	108-86-1	Bromobenzene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	74-97-5	Bromochloromethane	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	75-27-4	Bromodichloromethane	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	75-25-2	Bromoform	11.4	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	74-83-9	Bromomethane	22.9	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	75-15-0	Carbon Disulfide	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	56-23-5	Carbon Tetrachloride	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	108-90-7	Chlorobenzene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	75-00-3	Chloroethane	45.8	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	67-66-3	Chloroform	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	74-87-3	Chloromethane	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	156-59-2	cis-1,2-Dichloroethene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	10061-01-5	cis-1,3-Dichloropropene	2.4	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	124-48-1	Dibromochloromethane	11.4	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	74-95-3	Dibromomethane	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	60-29-7	Diethyl ether	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	100-41-4	Ethylbenzene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	97-63-2	Ethylmethacrylate	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	76-13-1	Freon 113	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	98-82-8	Isopropylbenzene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	MP-XYLENE	m,p-Xylene	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	126-98-7	Methacrylonitrile	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	96-33-3	Methyl acrylate	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	74-88-4	Methyl iodide	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	80-62-6	Methyl Methacrylate	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	75-09-2	Methylene Chloride	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	1634-04-4	Methyl-t-butyl ether	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	104-51-8	n-Butylbenzene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	103-65-1	n-Propylbenzene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	95-47-6	o-Xylene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	76-01-7	Pentachloroethane	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	99-87-6	p-Isopropyltoluene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	135-98-8	sec-Butylbenzene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	100-42-5	Styrene	4.6	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	98-06-6	tert-Butylbenzene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	127-18-4	Tetrachloroethene	2.3	U	ug/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	Conc Value	QUAL	UNITS
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	108-88-3	Toluene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	156-60-5	trans-1,2-Dichloroethene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	10061-02-6	trans-1,3-Dichloropropene	2.2	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	110-57-6	trans-1,4-Dichloro-2-butene	11.4	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	79-01-6	Trichloroethene	2.3	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	75-69-4	Trichlorofluoromethane	22.9	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	VOC	75-01-4	Vinyl Chloride	11.4	U	ug/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	Cvalue	QUAL	UNITS
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	120-82-1	1,2,4-Trichlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	95-50-1	1,2-Dichlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	541-73-1	1,3-Dichlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	106-46-7	1,4-Dichlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	95-95-4	2,4,5-Trichlorophenol	200	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	88-06-2	2,4,6-Trichlorophenol	200	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	120-83-2	2,4-Dichlorophenol	60	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	105-67-9	2,4-Dimethylphenol	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	51-28-5	2,4-Dinitrophenol	200	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	121-14-2	2,4-Dinitrotoluene	200	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	606-20-2	2,6-Dinitrotoluene	200	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	91-58-7	2-Chloronaphthalene	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	95-57-8	2-Chlorophenol	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	534-52-1	2-Methyl-4,6-dinitrophenol	200	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	91-57-6	2-Methylnaphthalene	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	95-48-7	2-Methylphenol	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	88-74-4	2-Nitroaniline	100	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	88-75-5	2-Nitrophenol	100	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	3+4MPHL	3- and 4-Methylphenol Coeluti	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	91-94-1	3,3'-Dichlorobenzidine	200	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	99-09-2	3-Nitroaniline	200	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	101-55-3	4-Bromophenyl Phenyl Ether	40	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	59-50-7	4-Chloro-3-methylphenol	40	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	106-47-8	4-Chloroaniline	60	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	7005-72-3	4-Chlorophenyl Phenyl Ether	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	100-01-6	4-Nitroaniline	100	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	100-02-7	4-Nitrophenol	100	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	83-32-9	Acenaphthene	40		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	208-96-8	Acenaphthylene	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	120-12-7	Anthracene	80		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	56-55-3	Benz(a)anthracene	280		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	50-32-8	Benzo(a)pyrene	240		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	205-99-2	Benzo(b)fluoranthene	330		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	191-24-2	Benzo(g,h,i)perylene	120		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	207-08-9	Benzo(k)fluoranthene	250		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	TOTAL-BNZF	Benzofluoranthene (Total)	580	T	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	65-85-0	Benzoic Acid	200	U	ug/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	C Value	QUAL	UNITS
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	100-51-6	Benzyl Alcohol	50	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	111-91-1	Bis(2-chloroethoxy)methane	40	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	111-44-4	Bis(2-chloroethyl) Ether	40	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	108-60-1	Bis(2-chloroisopropyl) Ether	40	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	117-81-7	Bis(2-ethylhexyl) Phthalate	610		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	85-68-7	Butyl Benzyl Phthalate	30		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	86-74-8	Carbazole	40		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	218-01-9	Chrysene	340		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	53-70-3	Dibenz(a,h)anthracene	30		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	132-64-9	Dibenzofuran	40		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	84-66-2	Diethyl Phthalate	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	131-11-3	Dimethyl Phthalate	40		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	84-74-2	Di-n-butyl Phthalate	20		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	117-84-0	Di-n-octyl Phthalate	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	206-44-0	Fluoranthene	840		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	86-73-7	Fluorene	60		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	118-74-1	Hexachlorobenzene	20		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	87-68-3	Hexachlorobutadiene	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	77-47-4	Hexachlorocyclopentadiene	100	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	67-72-1	Hexachloroethane	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	193-39-5	Indeno(1,2,3-cd)pyrene	150		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	78-59-1	Isophorone	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	91-20-3	Naphthalene	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	98-95-3	Nitrobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	621-64-7	N-Nitrosodi-n-propylamine	40	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	86-30-6	N-Nitrosodiphenylamine	40	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	87-86-5	Pentachlorophenol (PCP)	100	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	85-01-8	Phenanthrene	280		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	108-95-2	Phenol	30		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	129-00-0	Pyrene	540		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	TOTAL-HPAH	Total HPAH	3120	T	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA	TOTAL-LPAH	Total LPAH	460	T	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	120-82-1	1,2,4-Trichlorobenzene	654	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	95-50-1	1,2-Dichlorobenzene	654	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	106-46-7	1,4-Dichlorobenzene	654	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	91-57-6	2-Methylnaphthalene	654	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	83-32-9	Acenaphthene	1310		ug/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	Cvalue	QUAL	UNITS
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	208-96-8	Acenaphthylene	654	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	120-12-7	Anthracene	2610		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	56-55-3	Benzo(a)anthracene	9150		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	50-32-8	Benzo(a)pyrene	7840		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	191-24-2	Benzo(g,h,i)perylene	3920		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	TOTAL-BNZF	Benzo(a)fluoranthene (Total)	19000	T	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	117-81-7	bis(2-Ethylhexyl)phthalate	19900		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	85-68-7	Butylbenzylphthalate	980		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	218-01-9	Chrysene	11100		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	53-70-3	Dibenz(a,h)anthracene	980		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	132-64-9	Dibenzofuran	1310		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	84-66-2	Diethylphthalate	654	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	131-11-3	Dimethylphthalate	1310		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	84-74-2	Di-n-butylphthalate	654		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	117-84-0	Di-n-octylphthalate	654	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	206-44-0	Fluoranthene	27500		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	86-73-7	Fluorene	1960		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	118-74-1	Hexachlorobenzene	654		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	87-68-7	Hexachlorobutadiene	654	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	193-39-5	Indeno(1,2,3-cd)pyrene	4900		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	91-20-3	Naphthalene	654	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	86-30-6	N-Nitrosodiphenylamine	1310	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	85-01-8	Phenanthrene	9150		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	129-00-0	Pyrene	17600		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	TOTAL-HPAH	Total HPAH (TOCN)	102000	T	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	BNA-TOCN	TOTAL-LPAH	Total LPAH (TOCN)	15000	T	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	CONV	7440-44-0	Total Organic Carbon	3.06		%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	UNDER 1	<1 microns-Fractional %	7.82		%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	OVER 9525	>9525 microns-Fractional %	0.00		%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	1000-500	1000-500 microns-Fractional	1.27	J	%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	125-62	125-62 microns-Fractional %	7.26	J	%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	15.6-7.8	15.6-7.8 microns-Fractional %	19.27		%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	2000-1000	2000-1000 microns-Fractional	0.05	J	%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	2-1	2-1 microns-Fractional %	3.60		%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	250-125	250-125 microns-Fractional %	3.03	J	%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	3.9-2	3.9-2 microns-Fractional %	5.38		%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	31-15.6	31-15.6 microns-Fractional %	23.13		%

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	Cvalue	QUAL	UNITS
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	4000-2000	4000-2000 microns-Fractional	0.00		%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	500-250	500-250 microns-Fractional %	1.50	J	%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	62-31	62-31 microns-Fractional %	16.20		%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	7.8-3.9	7.8-3.9 microns-Fractional %	11.50		%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	9525-4000	9525-4000 microns-Fractional	0.00		%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	TOTAL-FINE	Total Fines	86.9	T	%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	GRAINSZ	TOTAL-SAND	Total Sand	13.11	T	%
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7429-90-5	Aluminum	21100		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-36-0	Antimony	10	UJ	mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-38-2	Arsenic	14.3		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-39-3	Barium	74		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-41-7	Beryllium	0.43		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-43-9	Cadmium	0.41		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-70-2	Calcium	6180		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-47-3	Chromium	29		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-48-4	Cobalt	9		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-50-8	Copper	57		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7439-89-6	Iron	31300	J	mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7439-92-1	Lead	31.4		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7439-95-4	Magnesium	8240		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7439-96-5	Manganese	340		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7439-97-6	Mercury	0.17		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-02-0	Nickel	19.8		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-09-7	Potassium	2900		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7782-49-2	Selenium	6		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-22-4	Silver	0.30		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-23-5	Sodium	14000		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-28-0	Thallium	0.12		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-31-5	Tin	4		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-62-2	Vanadium	63		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	I-TOTAL	7440-66-6	Zinc	117		mg/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	ORGANOTN	1002-53-5	Di-n-butyltin (as Organotin)	13	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	ORGANOTN	2406-65-7	n-Butyltin (as Organotin)	10	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	ORGANOTN	1461-25-2	Tetra-n-butyltin (as Organotin)	10	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	ORGANOTN	688-73-3	Tri-n-butyltin (as Organotin)	42		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	ORGANOTN	1002-53-5	Di-n-butyltin (as Organotin)	425	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	ORGANOTN	2406-65-7	n-Butyltin (as Organotin)	327	J	ug/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	C value	QUAL	UNITS
SURFACE	SEDIMENT	DR194	SD-DR194-0000	ORGANOTN	1461-25-2	Tetra-n-butyltin (as Organotin)	327	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	ORGANOTN	688-73-3	Tri-n-butyltin (as Organotin)	1370		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	40186-72-9	2,2',3,3',4,4',5,5',6-Nonachloro	1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	52663-78-2	2,2',3,3',4,4',5,6-Octachlorobip	1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	35065-30-6	2,2',3,3',4,4',5-Heptachlorobiph	3	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	38380-07-3	2,2',3,3',4,4'-Hexachlorobiphen	1	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	35065-29-3	2,2',3,4,4',5,5'-Heptachlorobiph	6	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	35065-28-2	2,2',3,4,4',5'-Hexachlorobiphen	9	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	52663-68-0	2,2',3,4',5,5',6-Heptachlorobiph	4	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (2	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	35065-27-1	2,2',4,4',5,5'-Hexachlorobiphen	8	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl	6	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	35693-99-3	2,2',5,5'-Tetrachlorobiphenyl (4	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	37680-65-2	2,2',5-Trichlorobiphenyl (PCB1	1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	39635-31-9	2,3,3',4,4',5,5'-Heptachlorobiph	1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	38380-08-4	2,3,3',4,4',5-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	69782-90-7	2,3,3',4,4',5'-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl	1	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	52663-72-6	2,3',4,4',5,5'-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	31508-00-6	2,3',4,4',5-Pentachlorobipheny	4	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	74472-37-0	2,3,4,4',5-Pentachlorobiphenyl	1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	65510-44-3	2',3,4,4',5-Pentachlorobiphenyl	1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	32598-10-0	2,3',4,4'-Tetrachlorobiphenyl (6	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	7012-37-5	2,4,4'-Trichlorobiphenyl (PCB2	1	J	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	32774-16-6	3,3',4,4',5,5'-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	57465-28-8	3,3',4,4',5-Pentachlorobiphenyl	1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	70362-50-4	3,4,4',5-Tetrachlorobiphenyl (P	1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PCB-CONG	2051-24-3	Decachlorobiphenyl (PCB209)	1	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PEST/PCB	12674-11-2	Aroclor 1016	20	UJ	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PEST/PCB	11104-28-2	Aroclor 1221	40	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PEST/PCB	11141-16-5	Aroclor 1232	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PEST/PCB	53469-21-9	Aroclor 1242	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PEST/PCB	12672-29-6	Aroclor 1248	20	U	ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PEST/PCB	11097-69-1	Aroclor 1254	80		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PEST/PCB	11096-82-5	Aroclor 1260	75		ug/kg
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PEST/PCB	1336-36-3	Total PCB	155	T	ug/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	REPORT FORM	CASE NO	Comp	Cvalue	QUAL	UNITS
SURFACE	SEDIMENT	DR194	SD-DR194-0000	PEST/PCB-	1336-36-3	Total PCB (TOCN)	5070	T	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	120-82-1	1,2,4-Trichlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	95-50-1	1,2-Dichlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	541-73-1	1,3-Dichlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	106-46-7	1,4-Dichlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	95-95-4	2,4,5-Trichlorophenol	200	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	88-06-2	2,4,6-Trichlorophenol	200	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	120-83-2	2,4-Dichlorophenol	60	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	105-67-9	2,4-Dimethylphenol	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	51-28-5	2,4-Dinitrophenol	200	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	121-14-2	2,4-Dinitrotoluene	200	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	606-20-2	2,6-Dinitrotoluene	200	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	91-58-7	2-Chloronaphthalene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	95-57-8	2-Chlorophenol	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	534-52-1	2-Methyl-4,6-dinitrophenol	200	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	91-57-6	2-Methylnaphthalene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	95-48-7	2-Methylphenol	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	88-74-4	2-Nitroaniline	100	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	98-75-5	2-Nitrophenol	100	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	3+4MPHL	3- and 4-Methylphenol Coeluti	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	91-94-1	3,3'-Dichlorobenzidine	200	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	99-09-2	3-Nitroaniline	200	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	101-55-3	4-Bromophenyl Phenyl Ether	40	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	59-50-7	4-Chloro-3-methylphenol	40	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	106-47-8	4-Chloroaniline	60	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	7005-72-3	4-Chlorophenyl Phenyl Ether	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	100-01-6	4-Nitroaniline	100	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	100-02-7	4-Nitrophenol	100	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	83-32-9	Acenaphthene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	208-96-8	Acenaphthylene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	120-12-7	Anthracene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	56-55-3	Benz(a)anthracene	90		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	50-32-8	Benzo(a)pyrene	110		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	205-99-2	Benzo(b)fluoranthene	120		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	191-24-2	Benzo(g,h,i)perylene	80		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	207-08-9	Benzo(k)fluoranthene	100		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	TOTAL-BNZF	Benzo(k)fluoranthene (Total)	220	T	ug/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	C Value	QUAL	UNITS
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	65-85-0	Benzoic Acid	200	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	100-51-6	Benzyl Alcohol	50	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	111-91-1	Bis(2-chloroethoxy)methane	40	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	111-44-4	Bis(2-chloroethyl) Ether	40	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	108-60-1	Bis(2-chloroisopropyl) Ether	40	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	117-81-7	Bis(2-ethylhexyl) Phthalate	130	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	85-68-7	Butyl Benzyl Phthalate	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	86-74-8	Carbazole	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	218-01-9	Chrysene	140		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	53-70-3	Dibenz(a,h)anthracene	20		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	132-64-9	Dibenzofuran	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	84-66-2	Diethyl Phthalate	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	131-11-3	Dimethyl Phthalate	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	84-74-2	Di-n-butyl Phthalate	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	117-84-0	Di-n-octyl Phthalate	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	206-44-0	Fluoranthene	210		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	86-73-7	Fluorene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	118-74-1	Hexachlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	87-68-3	Hexachlorobutadiene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	77-47-4	Hexachlorocyclopentadiene	100	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	67-72-1	Hexachloroethane	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	193-39-5	Indeno(1,2,3-cd)pyrene	100		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	78-59-1	Isophorone	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	91-20-3	Naphthalene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	98-95-3	Nitrobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	621-64-7	N-Nitrosodi-n-propylamine	40	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	86-30-6	N-Nitrosodiphenylamine	40	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	87-86-5	Pentachlorophenol (PCP)	100	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	85-01-8	Phenanthrene	90		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	108-95-2	Phenol	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	129-00-0	Pyrene	170		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	TOTAL-HPAH	Total HPAH	1140	T	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA	TOTAL-LPAH	Total LPAH	90	T	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	120-82-1	1,2,4-Trichlorobenzene	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	95-50-1	1,2-Dichlorobenzene	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	106-46-7	1,4-Dichlorobenzene	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	91-57-6	2-Methylnaphthalene	1460	U	ug/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	IRPTFORM	GAS NO	Comp	Cvalue	QUAL	UNITS
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	83-32-9	Acenaphthene	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	208-96-8	Acenaphthylene	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	120-12-7	Anthracene	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	56-55-3	Benzo(a)anthracene	6570		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	50-32-8	Benzo(a)pyrene	8030		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	191-24-2	Benzo(g,h,i)perylene	5840		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	TOTAL-BNZF	Benzo(a)fluoranthene (Total)	16100	T	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	117-81-7	bis(2-Ethylhexyl)phthalate	9490	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	85-68-7	Butylbenzylphthalate	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	218-01-9	Chrysene	10200		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	53-70-3	Dibenz(a,h)anthracene	1460		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	132-64-9	Dibenzofuran	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	84-66-2	Diethylphthalate	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	131-11-3	Dimethylphthalate	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	84-74-2	Di-n-butylphthalate	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	117-84-0	Di-n-octylphthalate	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	206-44-0	Fluoranthene	15300		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	86-73-7	Fluorene	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	118-74-1	Hexachlorobenzene	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	87-68-3	Hexachlorobutadiene	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	193-39-5	Indeno(1,2,3-cd)pyrene	7300		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	91-20-3	Naphthalene	1460	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	86-30-6	N-Nitrosodiphenylamine	2920	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	85-01-8	Phenanthrene	6570		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	129-00-0	Pyrene	12400		ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	TOTAL-HPAH	Total HPAH (TOCN)	83200	T	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	BNA-TOCN	TOTAL-LPAH	Total LPAH (TOCN)	6570	T	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	CONV	7440-44-0	Total Organic Carbon	1.37		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	UNDER 1	<1 microns-Fractional %	2.80		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	OVER 9525	>9525 microns-Fractional %	0.00		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	1000-500	1000-500 microns-Fractional	5.37		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	125-62	125-62 microns-Fractional %	13.15		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	15.6-7.8	15.6-7.8 microns-Fractional %	8.53		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	2000-1000	2000-1000 microns-Fractional	0.53		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	2-1	2-1 microns-Fractional %	1.01		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	250-125	250-125 microns-Fractional %	13.67		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	3.9-2	3.9-2 microns-Fractional %	2.93		%

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	Cvalue	QUAL	UNITS
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	31-15.6	31-15.6 microns-Fractional %	11.84		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	4000-2000	4000-2000 microns-Fractional	0.07		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	500-250	500-250 microns-Fractional %	18.50		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	62-31	62-31 microns-Fractional %	16.67		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	7.8-3.9	7.8-3.9 microns-Fractional %	4.92		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	9525-4000	9525-4000 microns-Fractional	0.00		%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	TOTAL-FINE	Total Fines	48.7	T	%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	GRAINSZ	TOTAL-SAND	Total Sand	51.22	T	%
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7429-90-5	Aluminum	13500		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-36-0	Antimony	10	J	mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-38-2	Arsenic	9.3		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-39-3	Barium	119		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-41-7	Beryllium	0.26		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-43-9	Cadmium	0.16		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-70-2	Calcium	4360		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-47-3	Chromium	19		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-48-4	Cobalt	6		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-50-8	Copper	36		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7439-89-6	Iron	20000	J	mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7439-92-1	Lead	31.7		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7439-95-4	Magnesium	5050		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7439-96-5	Manganese	247		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7439-97-6	Mercury	0.09		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-02-0	Nickel	13.3		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-09-7	Potassium	1700		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7782-49-2	Selenium	4		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-22-4	Silver	0.17		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-23-5	Sodium	8060		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-28-0	Thallium	0.07		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-31-5	Tin	3		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-62-2	Vanadium	48		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	I-TOTAL	7440-66-6	Zinc	82		mg/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	40186-72-9	2,2',3,3',4,4',5,5',6-Nonachloro	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	52663-78-2	2,2',3,3',4,4',5,6-Octachlorobip	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	35065-30-6	2,2',3,3',4,4',5-Heptachlorobiph	1	J	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	38380-07-3	2,2',3,3',4,4'-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	35065-29-3	2,2',3,4,4',5,5'-Heptachlorobiph	3	J	ug/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	Cvalue	QUAL	UNITS
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	35065-28-2	2,2',3,4,4',5'-Hexachlorobiphen	4	J	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	52663-68-0	2,2',3,4',5,5',6-Heptachlorobiph	2	J	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	41464-39-5	2,2',3,5'-Tetrachlorobiphenyl (1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	35065-27-1	2,2',4,4',5,5'-Hexachlorobiphen	4	J	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	37680-73-2	2,2',4,5,5'-Pentachlorobiphenyl	2	J	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	35693-99-3	2,2',5,5'-Tetrachlorobiphenyl (1	J	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	37680-65-2	2,2',5-Trichlorobiphenyl (PCB1	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	39635-31-9	2,3,3',4,4',5,5'-Heptachlorobiph	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	38380-08-4	2,3,3',4,4',5-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	69782-90-7	2,3,3',4,4',5'-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	52663-72-6	2,3',4,4',5,5'-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	31508-00-6	2,3',4,4',5-Pentachlorobipheny	2	J	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	74472-37-0	2,3,4,4',5-Pentachlorobiphenyl	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	65510-44-3	2',3,4,4',5-Pentachlorobiphenyl	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	32598-10-0	2,3',4,4'-Tetrachlorobiphenyl (2	J	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	7012-37-5	2,4,4'-Trichlorobiphenyl (PCB2	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	32774-16-6	3,3',4,4',5,5'-Hexachlorobiphen	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	57465-28-8	3,3',4,4',5-Pentachlorobiphenyl	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	70362-50-4	3,4,4',5-Tetrachlorobiphenyl (P	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PCB-CONG	2051-24-3	Decachlorobiphenyl (PCB209)	1	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PEST/PCB	12674-11-2	Aroclor 1016	20	UJ	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PEST/PCB	11104-28-2	Aroclor 1221	40	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PEST/PCB	11141-16-5	Aroclor 1232	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PEST/PCB	53469-21-9	Aroclor 1242	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PEST/PCB	12672-29-6	Aroclor 1248	20	U	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PEST/PCB	11097-69-1	Aroclor 1254	28	J	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PEST/PCB	11096-82-5	Aroclor 1260	36	J	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PEST/PCB	1336-36-3	Total PCB	64	T	ug/kg
SURFACE	SEDIMENT	DR195	SD-DR195-0000	PEST/PCB	1336-36-3	Total PCB (TOCN)	4670	T	ug/kg

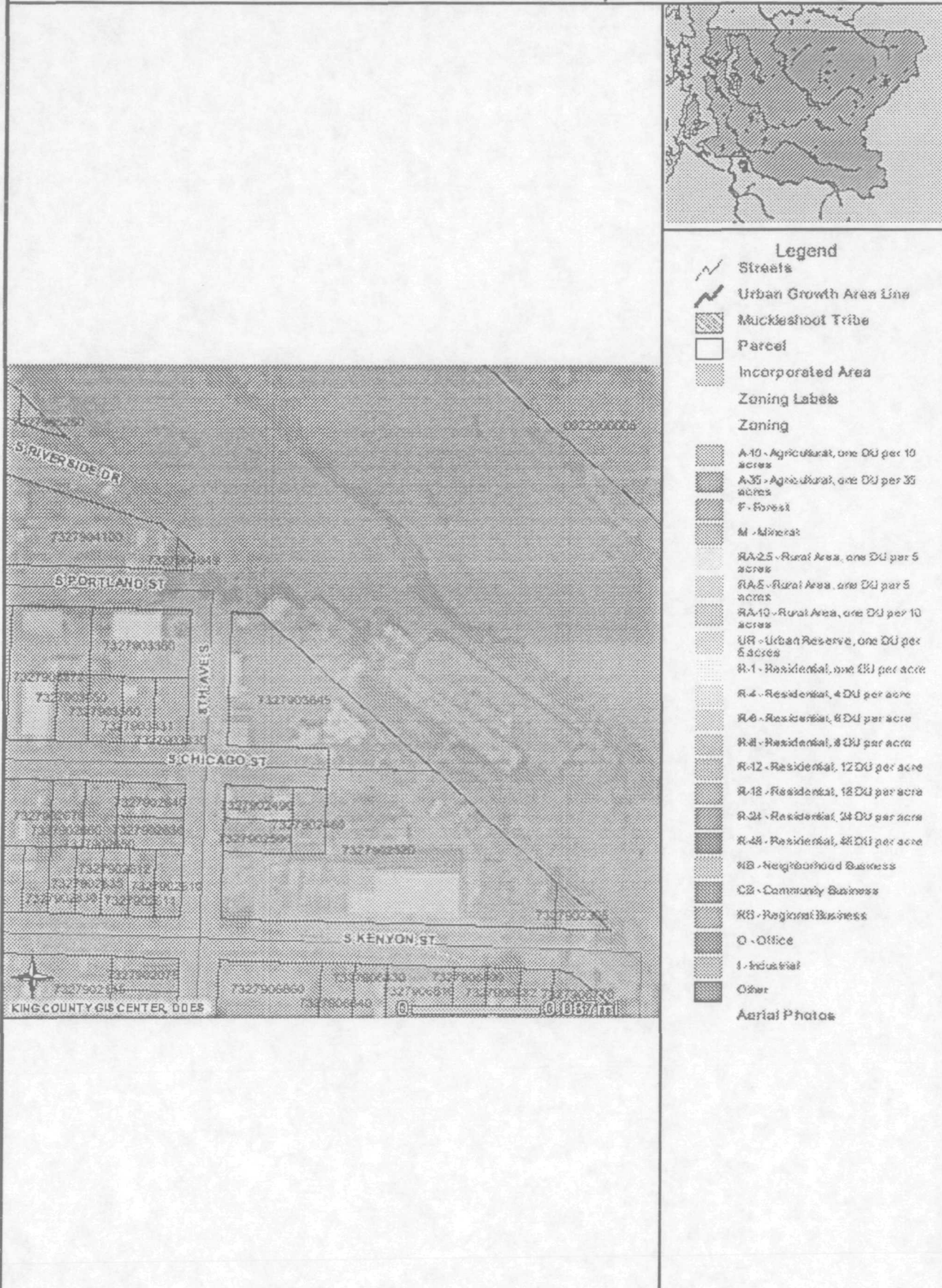
MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	Cvalue	QUAL	UNITS
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	120-82-1	1,2,4-Trichlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	95-50-1	1,2-Dichlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	541-73-1	1,3-Dichlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	106-46-7	1,4-Dichlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	95-95-4	2,4,5-Trichlorophenol	200	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	88-06-2	2,4,6-Trichlorophenol	200	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	120-83-2	2,4-Dichlorophenol	60	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	105-67-9	2,4-Dimethylphenol	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	51-28-5	2,4-Dinitrophenol	200	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	121-14-2	2,4-Dinitrotoluene	200	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	606-20-2	2,6-Dinitrotoluene	200	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	91-58-7	2-Chloronaphthalene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	95-57-8	2-Chlorophenol	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	534-52-1	2-Methyl-4,6-dinitrophenol	200	UJ	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	91-57-6	2-Methylnaphthalene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	95-48-7	2-Methylphenol	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	88-74-4	2-Nitroaniline	100	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	88-75-5	2-Nitrophenol	100	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	3+4MPHL	3- and 4-Methylphenol Coeluti	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	91-94-1	3,3'-Dichlorobenzidine	200	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	99-09-2	3-Nitroaniline	200	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	101-55-3	4-Bromophenyl Phenyl Ether	40	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	59-50-7	4-Chloro-3-methylphenol	40	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	106-47-8	4-Chloroaniline	60	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	7005-72-3	4-Chlorophenyl Phenyl Ether	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	100-01-6	4-Nitroaniline	100	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	100-02-7	4-Nitrophenol	100	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	83-32-9	Acenaphthene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	208-96-8	Acenaphthylene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	120-12-7	Anthracene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	56-55-3	Benz(a)anthracene	60		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	50-32-8	Benzo(a)pyrene	70		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	205-99-2	Benzo(b)fluoranthene	80		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	191-24-2	Benzo(g,h,i)perylene	60		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	207-08-9	Benzo(k)fluoranthene	70		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	TOTAL-BNZF	Benzo(a)fluoranthene (Total)	150	T	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	65-85-0	Benzoic Acid	200	U	ug/kg

MEDIA MOD	MEDIA	STATION	Primary Sample	RPT FORM	CAS NO	Comp	Cvalue	QUAL	UNITS
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	100-51-6	Benzyl Alcohol	50	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	111-91-1	Bis(2-chloroethoxy)methane	40	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	111-44-4	Bis(2-chloroethyl) Ether	40	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	108-60-1	Bis(2-chloroisopropyl) Ether	40	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	117-81-7	Bis(2-ethylhexyl) Phthalate	260		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	85-68-7	Butyl Benzyl Phthalate	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	86-74-8	Carbazole	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	218-01-9	Chrysene	90		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	53-70-3	Dibenz(a,h)anthracene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	132-64-9	Dibenzofuran	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	84-66-2	Diethyl Phthalate	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	131-11-3	Dimethyl Phthalate	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	84-74-2	Di-n-butyl Phthalate	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	117-84-0	Di-n-octyl Phthalate	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	206-44-0	Fluoranthene	150		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	86-73-7	Fluorene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	118-74-1	Hexachlorobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	87-68-3	Hexachlorobutadiene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	77-47-4	Hexachlorocyclopentadiene	100	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	67-72-1	Hexachloroethane	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	193-39-5	Indeno(1,2,3-cd)pyrene	60		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	78-59-1	Isophorone	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	91-20-3	Naphthalene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	98-95-3	Nitrobenzene	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	621-64-7	N-Nitrosodi-n-propylamine	40	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	86-30-6	N-Nitrosodiphenylamine	40	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	87-86-5	Pentachlorophenol (PCP)	100	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	85-01-8	Phenanthrene	50		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	108-95-2	Phenol	20	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	129-00-0	Pyrene	130		ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	TOTAL-HPAH	Total HPAH	770	T	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA	TOTAL-LPAH	Total LPAH	50	T	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	120-82-1	1,2,4-Trichlorobenzene	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	95-50-1	1,2-Dichlorobenzene	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	106-46-7	1,4-Dichlorobenzene	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	91-57-6	2-Methylnaphthalene	1710	U	ug/kg
SURFACE	SEDIMENT	DR224	SD-DR224-0000	BNA-TOCN	83-32-9	Acenaphthene	1710	U	ug/kg

APPENDIX F

HISTORICAL RECORDS DOCUMENTATION

ArcIMS HTML Viewer Map





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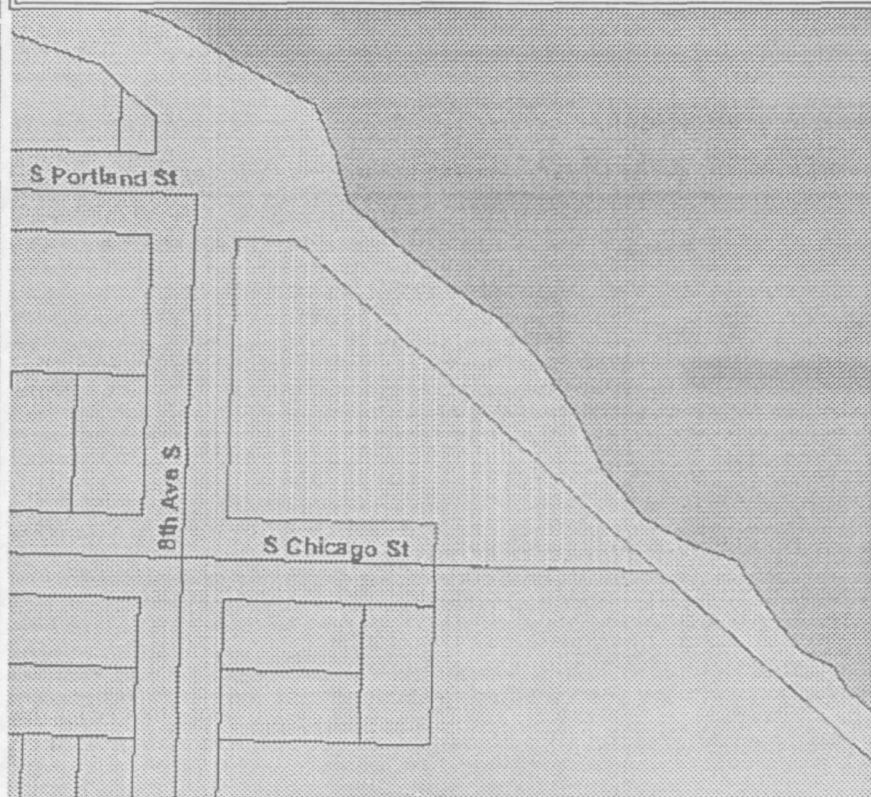
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Selected Parcel Information

Taxpayer SILVER BAY LOGGING INC

Parcel Number 7327903645

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1" = 1200'
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Roads

Schools

Major Roads

Cities

Water Body

Scale 1 Inch = 108 feet (approximate)

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DDES Parcel Locator

Assessor Parcel Records

By law this information may not be used for commercial purposes.

Parcel Number	7327903645
Property Name	MORTON MARINE
Property Type	
Plat Name	RIVER PARK ADD
Plat Lot	ALL
Plat Block	31
Section/Township/Range	SE 29/24/4
Levy Code	0010
Present Use	Vacant(Industrial)
Lot SqFt	35,699
Water System	WATER DISTRICT
Sewer System	PUBLIC
Access	PUBLIC
Street Surface	

Data derived from King Co. Assessor data extract dated 05/06/2001.

Assessor Parcel Records	Assessor Residential Bldg. Records	Assessor Commercial Bldg. Records	Assessor Real Property Records
---	--	---	--

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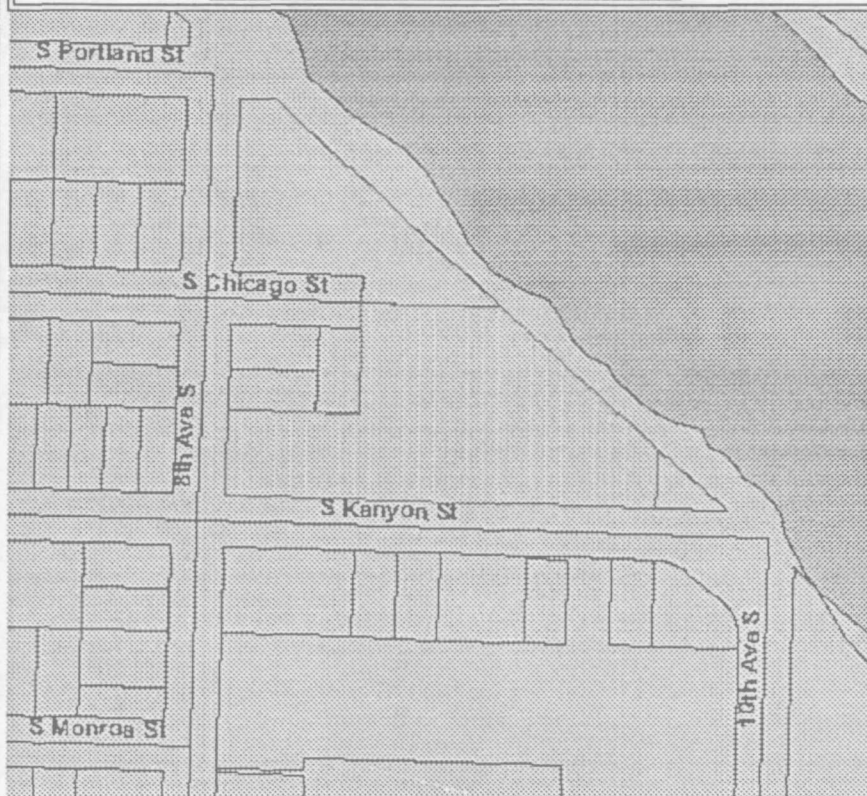
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Selected Parcel Information

Taxpayer	SILVER BAY LOGGING INC
Parcel Number	7327902520

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Zoom to city:

Scale 1 Inch = 175 feet (approximate)

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Level1" = 400'
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DDES Parcel Locator

Assessor Parcel Records

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Parcel Number	7327902520
Property Name	WORK BOATS NORTH WEST
Property Type	
Plat Name	RIVER PARK ADD
Plat Lot	POR
Plat Block	24
Section/Township/Range	SE 29/24/4
Levy Code	0010
Present Use	Industrial(Heavy)
Lot SqFt	83,180
Water System	WATER DISTRICT
Sewer System	PUBLIC
Access	PUBLIC
Street Surface	PAVED

Data derived from King Co. Assessor data extract dated 05/06/2001.

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DDES Parcel Locator

Assessor Commercial Building Records

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Parcel Number	7327902520
Number of Buildings	1
Building Number	3
Year Built	1970
Address	
Stories	1
Predominant Use	STORAGE WAREHOUSE (406)
Shape	Rect or Slight Irreg
Construction Class	PREFAB STEEL
Building Quality	LOW/AVERAGE
Building Description	PAINT STORAGE
Gross SqFt	2,490
Net SqFt	2,490
Heating System	NO HEAT
Sprinklers	N
Elevators	

Data derived from King Co. Assessor data extract dated 05/06/2001.

<u>Assessor Parcel Records</u>	<u>Assessor Residential Bldg. Records</u>	<u>Assessor Commercial Bldg. Records</u>	<u>Assessor Real Property Records</u>
------------------------------------	---	--	---

Parcel Number	7327902520
Number of Buildings	1
Building Number	1
Year Built	1950
Address	7814 8TH AV S
Stories	1
Predominant Use	STORAGE WAREHOUSE (406)

Shape	Rect or Slight Irreg
Construction Class	PREFAB STEEL
Building Quality	LOW/AVERAGE
Building Description	OFFICE
Gross SqFt	3,166
Net SqFt	2,414
Heating System	NO HEAT
Sprinklers	N
Elevators	

Data derived from King Co. Assessor data extract dated 05/06/2001.

Assessor Parcel Records	Assessor Residential Bldg. Records	Assessor Commercial Bldg. Records	Assessor Real Property Records
------------------------------------	---	--	---

Parcel Number	7327902520
Number of Buildings	1
Building Number	2
Year Built	1974
Address	
Stories	1
Predominant Use	STORAGE WAREHOUSE (406)
Shape	Rect or Slight Irreg
Construction Class	PREFAB STEEL
Building Quality	LOW/AVERAGE
Building Description	SHOP
Gross SqFt	18,690
Net SqFt	18,690
Heating System	NO HEAT
Sprinklers	N
Elevators	

Data derived from King Co. Assessor data extract dated 05/06/2001.

Assessor Parcel Records	Assessor Residential Bldg. Records	Assessor Commercial Bldg. Records	Assessor Real Property Records
------------------------------------	---	--	---

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Development and Environmental Services

Selected Parcel Information				
Taxpayer	SILVER BAY LOGGING INC			
Parcel Number	7327902480			
<i>Click on links below for additional information</i>				
Districts	Assessor Parcel Records	Assessor Residential Bldg. Records	Assessor Commercial Bldg. Records	Assessor Real Property Records
Click here for Parcel Permit Information				

Search Methods:
Parcel Number
Address
Street Intersection

Help Instructions

Advanced Users Site

Map Sets

General Set

Environmental Set

Planning Set

DISCLAIMER

Map Direction

Map Level

1" = 400'
1" = 1200'
1" = 2400'
1:24000

PARCELS

Parks

Streams

Roads

Schools

Major Roads

Cities

Water Body

Zoom to city:

City Names

Scale 1 Inch = 38 feet (approximate)

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DDES Parcel Locator

Assessor Parcel Records

By law this information may not be used for commercial purposes.

Parcel Number	7327902480
Property Name	VAC LAND
Property Type	
Plat Name	RIVER PARK ADD
Plat Lot	23-24
Plat Block	24
Section/Township/Range	SE 29/24/4
Levy Code	0010
Present Use	Vacant(Industrial)
Lot SqFt	5,000
Water System	WATER DISTRICT
Sewer System	PUBLIC
Access	PUBLIC
Street Surface	

Data derived from King Co. Assessor data extract dated 05/06/2001.

Assessor Parcel Records	Assessor Residential Bldg. Records	Assessor Commercial Bldg. Records	Assessor Real Property Records
---	--	---	--

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Selected Parcel Information				
Taxpayer	SILVER BAY LOGGING INC			
Parcel Number	7327902490			
Click on links below for additional information				
Districts	Assessor Parcel Records	Assessor Residential Bldg. Records	Assessor Commercial Bldg. Records	Assessor Real Property Records
Click here for Parcel Permit Information				

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Parcel Number

Address

Street Intersection

Help Instructions

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Map Sets

General Set

Environmental Set

Planning Set

DISCLAIMER

Map Direction

Map Level

1" = 400'

1" = 1200'

1" = 2400'

1:24000

PARCELS

Parks

Streams

Roads

Schools

Major Roads

Cities

Water Body

Zoom to city:

City Names

GO

Scale 1 Inch = 35 feet (approximate)

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DDES Parcel Locator

Assessor Parcel Records

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Parcel Number	7327902490
Property Name	VAC LAND
Property Type	
Plat Name	RIVER PARK ADD
Plat Lot	25-26
Plat Block	24
Section/Township/Range	SE 29/24/4
Levy Code	0010
Present Use	Vacant(Industrial)
Lot SqFt	5,000
Water System	WATER DISTRICT
Sewer System	PUBLIC
Access	PUBLIC
Street Surface	

Data derived from King Co. Assessor data extract dated 05/06/2001.

Assessor Parcel Records	Assessor Residential Bldg. Records	Assessor Commercial Bldg. Records	Assessor Real Property Records
---	--	---	--

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Department of
Development and Environmental Services

Search Methods:

Parcel Number

Address

Street Intersection

Help Instructions

Advanced Users Site

Map Sets

General Set

Environmental Set

Planning Set

DISCLAIMER

Selected Parcel Information

Taxpayer	SILVER BAY LOGGING INC
Parcel Number	7327902500

Click on links below for additional information

Districts	Assessor Parcel Records	Assessor Residential Bldg. Records	Assessor Commercial Bldg. Records	Assessor Real Property Records
---------------------------	---	--	---	--

[Click here for Parcel Permit Information](#)

Zoom to city:

Scale 1 Inch = 35 feet (approximate)

Map Direction

▲

◀

▶

▼

Map Level

+

-

1" = 400'

1" = 1200'

1" = 2400'

1:24000

☐ PARCELS

☐ Parks

☐ Streams

☐ Roads

☐ Schools

☐ Major Roads

☐ Cities

☐ Water Body

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DDES Parcel Locator

Assessor Parcel Records

By law this information may not be used for commercial purposes.

Parcel Number	7327902500
Property Name	OFC WAREHOUSE
Property Type	
Plat Name	RIVER PARK ADD
Plat Lot	27-28
Plat Block	24
Section/Township/Range	SE 29/24/4
Levy Code	0010
Present Use	Warehouse
Lot SqFt	5,000
Water System	WATER DISTRICT
Sewer System	PUBLIC
Access	PUBLIC
Street Surface	PAVED

Data derived from King Co. Assessor data extract dated 05/06/2001.

Assessor Parcel Records	Assessor Residential Bldg. Records	Assessor Commercial Bldg. Records	Assessor Real Property Records
---	--	---	--

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DDES Parcel Locator

Assessor Commercial Building Records

By law this information may not be used for commercial purposes.

Parcel Number	7327902500
Number of Buildings	1
Building Number	1
Year Built	1954
Address	7808 8TH AV S
Stories	1
Predominant Use	WAREHOUSE
Shape	Rect or Slight Irreg
Construction Class	WOOD FRAME
Building Quality	AVERAGE/GOOD
Building Description	WHSE
Gross SqFt	3,376
Net SqFt	3,376
Heating System	FORCED AIR UNIT
Sprinklers	N
Elevators	

Data derived from King Co. Assessor data extract dated 05/06/2001.

Assessor Parcel Records	Assessor Residential Bldg. Records	Assessor Commercial Bldg. Records	Assessor Real Property Records
---	--	---	--

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Selected Parcel Information

Taxpayer	SILVER BAY LOGGING INC
Parcel Number	7327906860

Click on links below for additional information

Districts	Assessor Parcel Records	Assessor Residential Bldg. Records	Assessor Commercial Bldg. Records	Assessor Real Property Records
---------------------------	---	--	---	--

[Click here for Parcel Permit Information](#)

Zoom to city:

Scale 1 Inch = 53 feet (approximate)

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[Map Level](#)
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[1" = 1200'](#)
[1" = 2400'](#)
[1:24000](#)
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[Parks](#)
[Streams](#)
[Roads](#)
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[Major Roads](#)
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DDES Parcel Locator

Assessor Parcel Records

By law this information may not be used for commercial purposes.

Parcel Number	7327906860
Property Name	
Property Type	
Plat Name	RIVER PARK ADD
Plat Lot	PRENTICE RES
Plat Block	
Section/Township/Range	NE 32/24/4
Levy Code	0010
Present Use	Vacant(Industrial)
Lot SqFt	15,000
Water System	WATER DISTRICT
Sewer System	PUBLIC
Access	PUBLIC
Street Surface	PAVED

Data derived from King Co. Assessor data extract dated 05/06/2001.

Assessor Parcel Records	Assessor Residential Bldg. Records	Assessor Commercial Bldg. Records	Assessor Real Property Records
---	--	---	--

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33 - PLAT OF BUILDING

34 – CALCULATIONS

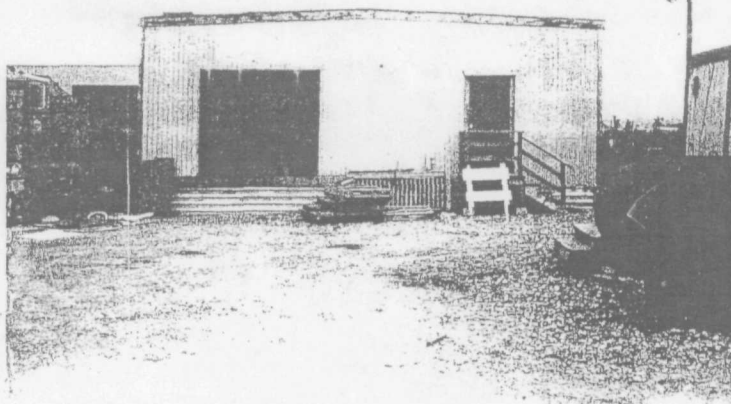
10¢

33-55 - ACCESSORY IMPROVEMENTS

[illegible]

56 - REMARKS

4-25 little w
bldg - sits on
locked, on



61 - APPRAISAL DATA

[illegible]

58 - PERMIT DATA

NUMBER	DATE	VALUE	DATE STARTED	DATE COMPLETE

59 - SALES RECORD

MONTH	YEAR	AMOUNT

60 - STAFF

DATE	ENUMERATOR	CLASSIFIER	CALCULATOR	REVIEW
4-25	56	56	56	15

[illegible]

FOLIO

3432

ADDITION

River Park

1-17-16

2071

Section SW 29 Twp 24

Range 4

EWM. Block 24

Lot or

31, 32 & 33

PERMIT NO.

Tax Lot

Tract

DATE

Address

SEAWAY EXPRESS

802 S KENYON ST

800

Saw Way

FOR REFERENCE ONLY

Jerry Warfield
Shop Super

Owner TVERSON CONSTRUCTION CO.

Architect

Contractor

Condition of Exterior

A

Interior

A

Foundation

A

Floor Plan: Good

Accept.

Poor

USE Office

ROOF CONSTRUCTION

FLOOR FINISHES

Tile Lino Form

PLUMBING

No. Stories
No. Stores
No. Rooms
Basement
No. Offices
No. Apartments
1 rm. 2 rm. 3 rm.
4 rm. 5 rm. 6 rm.

100% Frame-Joist
Mill-Deck
Rein. Conc. GLB
Steel Fr. Metal Deck
Trusses Span
Wood Steel

Rem Fir-P.W.
Oak
Lino
Cement
Terrazzo
Asphalt Tile
Vinyl Tile

Bath Floor
Bath Walls
Tub Recess
Drain Bds.
Vainities

No. Fixtures
Toilets Urinals
Tubs Leg. or Pem.
Basins Dr. Fins.
Sinks
Washers Dryers
Showers (tub) (stall)
H.W. Tanks Ldy. Tray
D-Washers Disposal

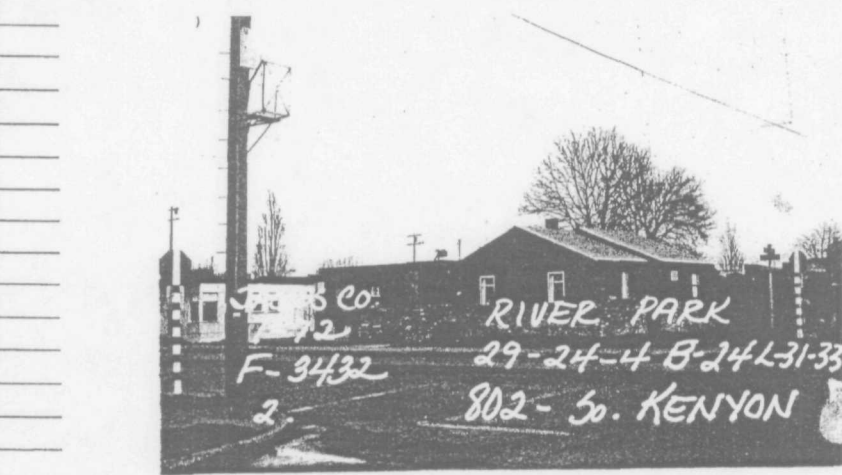
16x24-1970

Date Built Rem 1950 Date Add. Built 1971

Effective Age 10 Years Future Life 1971

Dep. for Cond. Dep for Ob. Dep. for Es. Total

FACTORY



HEATING 16x24 FBB

Elec. Oil Gas
H.W. St. H.A.
B.Bd. Suspended
FHA B.B.
A. Cond. Wall Unit
Comb. Unit Custom
Refrig. Convector
Heat Pump Fireplace

TYPE OF CONSTRUCTION

Frame
Metal-Prefab
Ordinary Masonry
Mill Construction
Class A Rein. Conc.
Stru. Steel and Conc.
Struct. Steel, Frame

QUALITY-TYPE

Good Med. Cheap

FOUNDATION 20L/F

Mud Sill Post Pier
Conc. Brick
Load Hgt. Piling

BASEMENT UNFIN 100%

Full % Part.
Sub-Basement
Size 1524
Garage No. Cars
Plastered Pl. Bd.
No. Apartments
Service Rooms

MISC. TANKS, Etc.

ELEVATORS

DOCKS AND PIERS

WIRING

HOISTS: Elec. Hydr.

Pass. Frght

Hvy. Med. Lgt

Knob & Tube

Auto. Elec.

Untrtd. Pile Tmbr.

Flex. Cable

Man. Hydr.

Conc. Piles & Bms

Conduit

Doors-Auto Man.

Trtd. Pile Tmbr.

Pwr. Wiring

Escalators

Paved

Range Wiring

Stops Speed

Dolphins

Outlets

Cap'y.

Deck

C.Hgt.

GROUND FLOOR AREA

2414

D=254

SB

TOTAL FLOOR AREA

3166

INTERIOR WALLS & CEILING

Stud Wood Metal

Plaster Dry Wall

Acc. Tile Celotex

Ceiled Plywood

Solid Block

Sound Proofed Lamin.

Finished Unfinished

Painted Varnished

INSULATION NINE

Exter. Partitions

Roof Floor

FIR

Mah. Oak

Metal

Wood Metal Doors

Wood Metal Sash

Stained Varnish

Painted Unfin.

WOOD

Steel GLB.

FLOOR CONSTRUCTION

Rem 2 x 8 x 16 O.C.

Mill Car Deck

R-Conc. Elev.

Steel GLB.

DOOR COVERING

Blt.-Up Tar. & Gr.

Comp. Metal

Blt.-Up Tar. & Gr.

Comp. Metal

Blt.-Up Tar. & Gr.

Comp. Metal

Blt.-Up Tar. & Gr.

Comp. Metal

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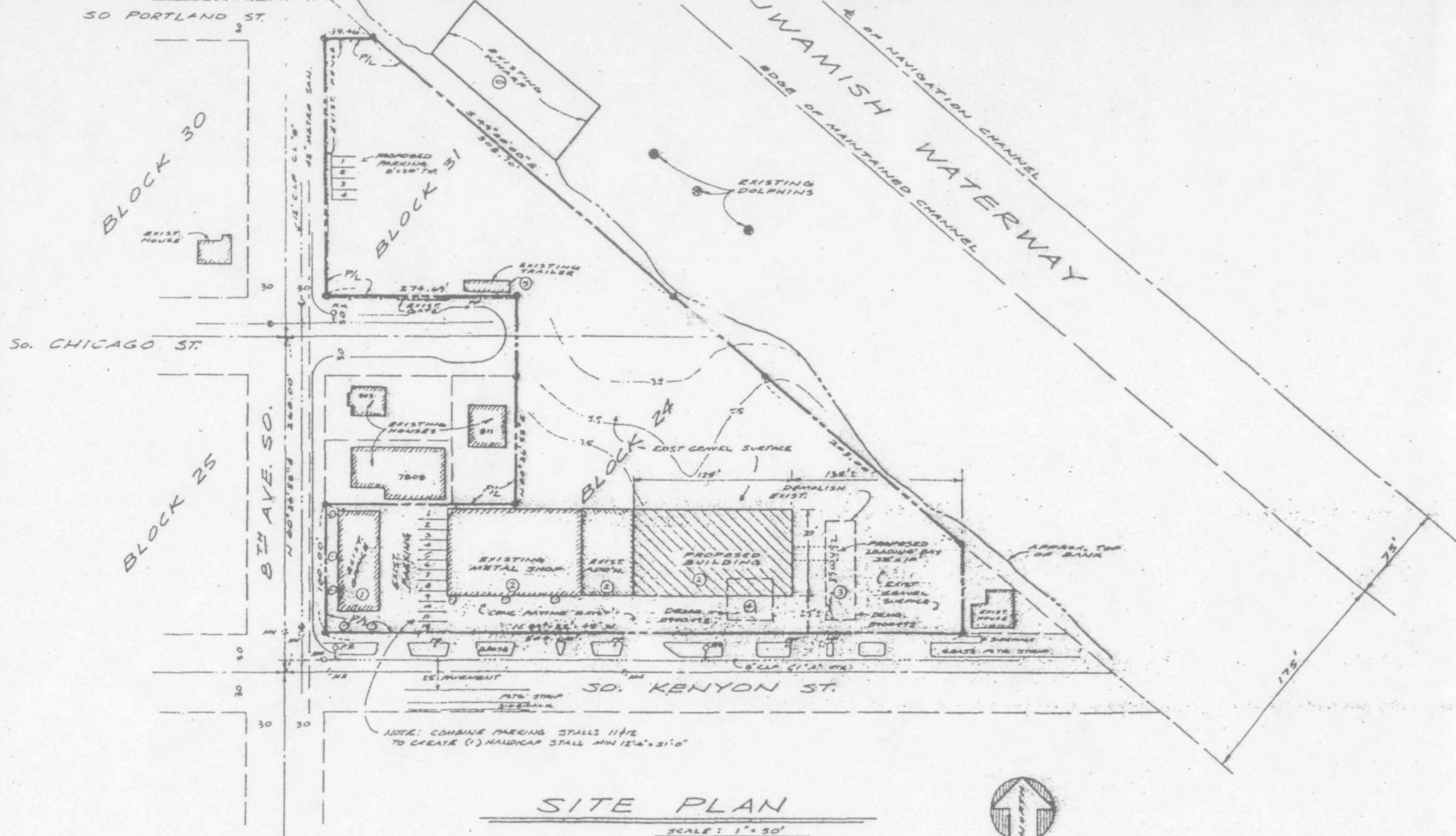
230

231

232

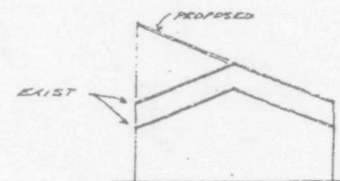
132614U-6520

SHOP EXTENTION COMPLETE

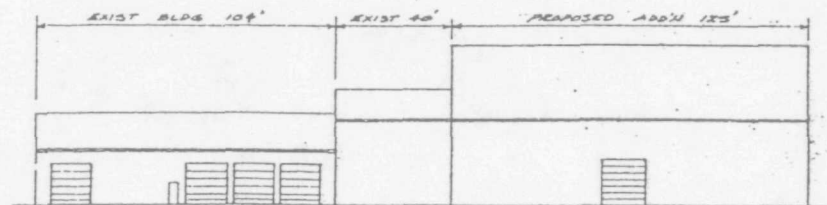


SITE PLAN

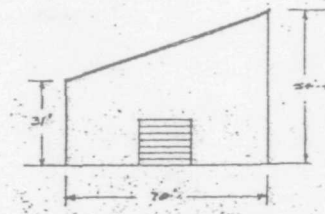
SCALE: 1" = 30'



WEST ELEV.
SCALE: 1" = 30'



SOUTH ELEVATION
SCALE: 1" = 30'



EAST ELEV.
SCALE: 1" = 30'

- PARCEL 1: LOTS 18
BLOCK 1
WATERWAY
- PARCEL 2: LOTS 29
- PARCEL 3: LOTS 21
BLOCK 3
1. Address: 80
Owner: Bro
Operator: W
Zoning: IGL
Shoreline De
Occupancy:
Construction
Assessor:

- Seismic Zone
Reference:
2. Elevation De
3. All materia
requirements
City of Sea
state, and 1
The contract
dimensions 1
4. Sprinklers 1
5. The construct
precautions
the owner.
6. The building
Energy Code,
shall be in

BLDG ID	DEB
1	Exist
2	Exist
3	Stora
4	Stora
5	Exist
6	Ptr

CITY
DEPT. :
AM
M.
APPROVE
and Order
By: [Signature]



AUG 16, 1991
SEPT 29, 1991
NOV 22, 1991
JAN 20, 1992
FEB 23, 1992

732790-2520

FOLIO 3432

ADDITION RIVER PARK

BLDG (2)

PERMIT NO.
551480

Section SW 29 Top 24 Range 4 EWM. Block 24 Lot or 34-37

Tax Lot Tract

DATE
2/74

Address 831 S CHICAGO ST

PV=5725

Fee Owner _____ Architect _____ Contractor _____
Zoning _____ Condition of Exterior _____ Interior _____ Foundation _____ Floor Plan: Good _____ Accept. _____ Poor _____

JSE	REPAIR GARAGE	ROOF CONSTRUCTION	FLOOR FINISHES	PLUMBING
No. Stories	Frame-Joist	Fir	<input type="checkbox"/> Tile <input type="checkbox"/> Line <input type="checkbox"/> Form.	No. Fixtures
No. Stores	Mill-Deck	Oak	<input type="checkbox"/> 2x6TG	Toilets _____ Urinals _____
No. Rooms	Rein. Conc. GLB	Lino	<input type="checkbox"/> 3x6TG	Tubs Leg. or Pem. _____
Basement	Steel Fr. Metal Deck	Cement	<input type="checkbox"/> Lgtwgt. Conc.	Basins _____ Dr. Fms. _____
No. Offices	Trusses Span	Terrazzo	<input type="checkbox"/> Vinyl Tile	Sinks _____
No. Apartmts.	Wood Steel	Asphalt Tile		Washers _____ Dryers _____
1 rm. <input type="checkbox"/> 2 rm. <input type="checkbox"/> 3 rm. <input type="checkbox"/>		or		Showers (tub) (stall) _____
4 rm. <input type="checkbox"/> 5 rm. <input type="checkbox"/> 6 rm. <input type="checkbox"/>				H.W. Tanks _____ Ldy. Tra _____

Date Built 1974 Date Add. Built _____
Effective Age _____ Years Future Life _____ Years
Dep. for Cond. _____ Dep. for Ob. _____ Dep. for Es. _____ Total _____

TYPE OF CONSTRUCTION	FACTOR	ITEM	DIMENSIONS	SQ. FT. AREA	FACTOR	COST	HEATING OFF
Frame			X				Elec. _____ Oil _____ Ga _____
Metal-Prefab			X				H.W. _____ St. _____ H. _____
Ordinary Masonry			X				B.Bd. _____ Suspended _____
Milt Construction			X				FHA _____ Pipeless _____
Class A Rein. Conc.			X				A. Cond. _____ Wall Unit _____
Stru. Steel and Conc.							Comb. Unit _____ Custom _____
Struct. Steel, Frame							Refrig. _____ Convector _____

QUALITY-TYPE
Good ☐ Med. ☐ Cheap ☐
FOUNDATION

YEAR	ASSESSED VALUE

BASEMENT
Full _____ % Part. _____
Sub-Basement _____
Size _____
Garage ☐ No. Cars _____
Plastered ☐ Pl. Bd. _____
No. Apartments _____
Service Rooms _____
TOTAL
LESS DEPRECIATION
DEPR. FULL VALUE
ASSESSED VAL.

MISC. TANKS, Etc.	ELEVATORS	DOCKS AND PIERS	WIRING
HOISTS: Elec. Hydr.	Pass. _____ Fight _____	Hvy. _____ Med. _____ Lgt _____	Knob & Tube
	Auto. _____ Elec. _____	Untrid. Pile Tmbr.	Flex. Cable
	Man. _____ Hydr. _____	Conc. Piles & Bms	Conduit
	Doors-Auto _____ Man. _____	Trid. Pile Tmbr.	Pwr. Wiring
	Escalators _____	Paved	Range Wiring
	Stops _____ Speed _____	Dolphins	Outlets
	Cap'y. _____	Deck 0	

EXTERIOR WALL CONST.
Single ☐ Double ☐
Stud Walls _____
Brick _____ P.I. ☐
Conc. _____ P.I. ☐
Rein. Conc. Skeleton _____
Str. Stl.-Frame _____
Pre-Fab Meta _____
Tilt-Up _____
Filler Wall _____
Curtain Wall _____
C.Hgt. _____
GROUND FLOOR AREA 7140
TOTAL FLOOR AREA 7940
P=348

2 TANKS 5000 G	SB	CONC BLK WALL 20x52
2 TANKS 10,000 G	8	
CONC 4400	1	
TWO PUMP ISL 1	2	
INTERIOR WALLS & CEILING	3	
Stud Wood Metal	4	
Plaster Dry Wall	5	
Acc. Tile Celotex	6	
Ceiled Plywood	7	
Solid Block	8	
Sound Proofed Lamin.	9	
Finished Unfinished	10	
Painted Varnished	11	
	12	
	13	
	14	
INSULATION	15	
Exter. _____ Partitions	16	
Roof _____ Floor	17	

EXTERIOR FACING	INSULATION
Siding	Exter. _____ Partitions
Stucco _____ Shakes	Roof _____ Floor
Marblecrete	
Brick <input type="checkbox"/> Veneer	
Conc. <input type="checkbox"/> Conc. Blk.	

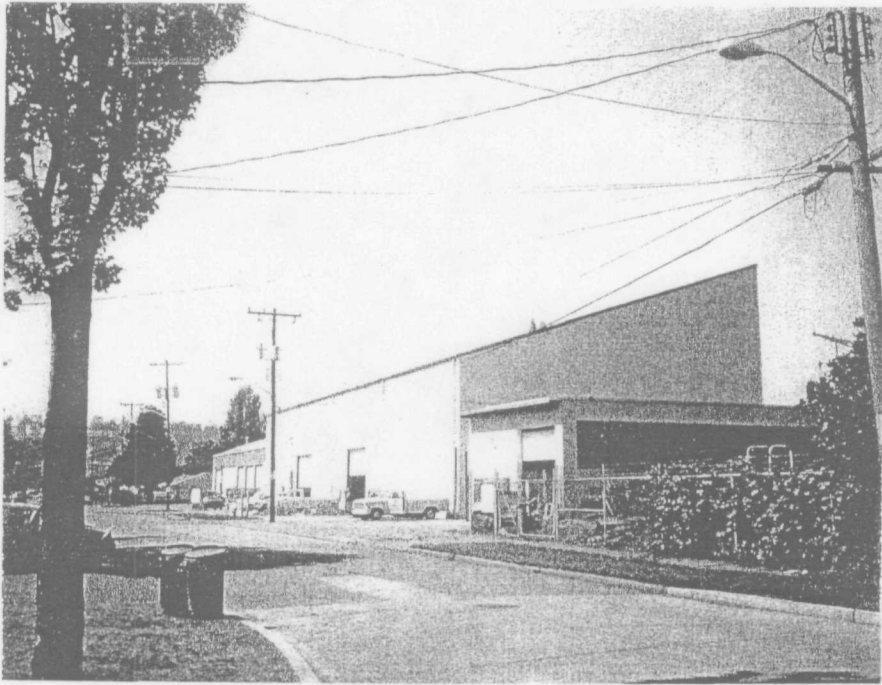
METAL

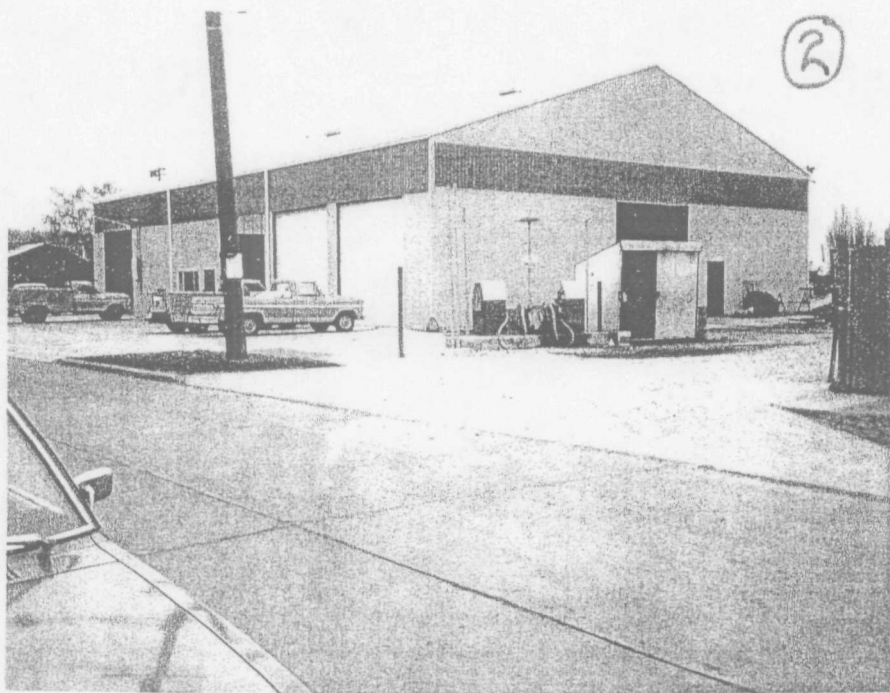
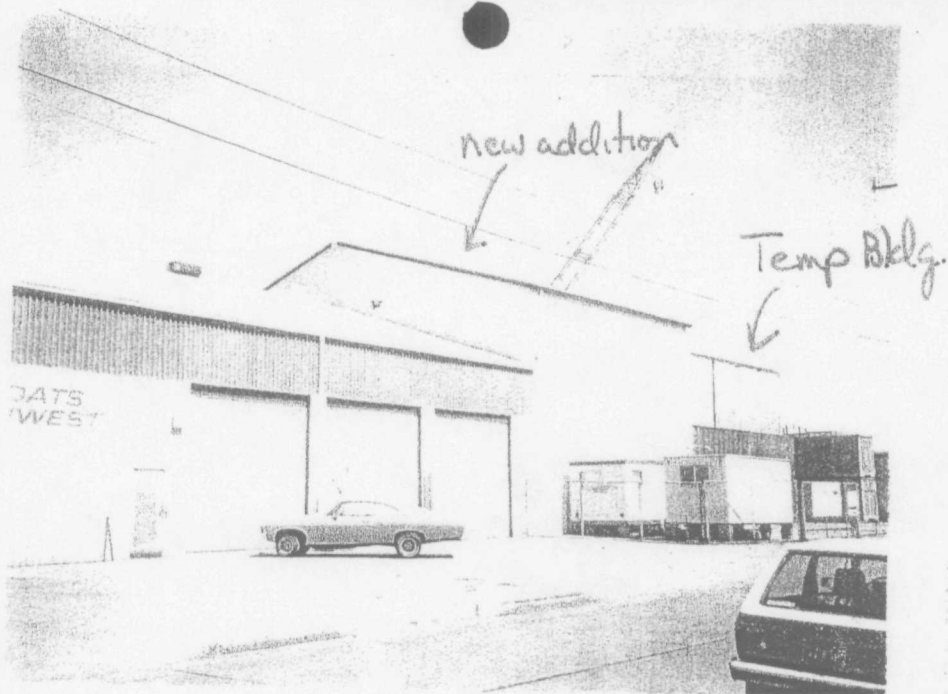
FLOOR CONSTRUCTION	INTERIOR TRIM
Joist x x O.C.	Fir _____ Birch
Mill _____ Cor Deck	Moh. _____ Oak
R. Conc. _____ Elev.	Metal
Steel _____ GLB.	Wood _____ Metal Doors

ROOF COVERING	INTERIOR TRIM
Blt.-Up _____ Tar. & Gr.	Wood _____ Metal Sash
Comp. _____ Metal	Stained _____ Varnish
	Painted _____ Unfin.

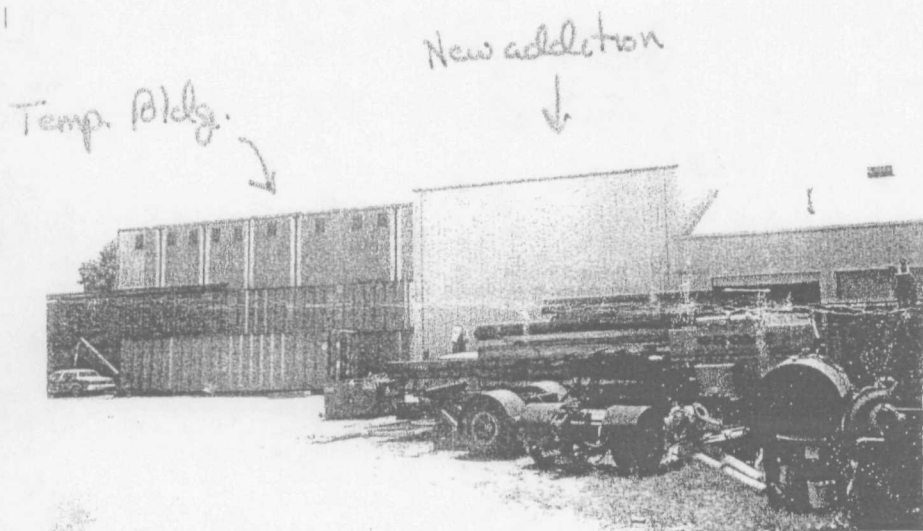
or

Dan Chapman
4-11-84





4/75



KING COUNTY ASSESSOR'S COMMERCIAL - INDUSTRIAL PROPERTY RECORD
PRINCIPAL BUILDINGS

1 - IDENTIFICATION										9 - VEHICLE DOOR OPERATOR		10 - EXTERIOR STAIRS				11 - FIRE PLACES		12 - BANK VAULT DOORS			
MAJOR 722790												1 - WOOD 3 - STEEL CONCRETE 2 - CONCRETE 4 - STEEL						1 - CASH 2 - RECORDS			
MINOR 2446 SPLIT BLDG. NO.												TYPE QUALITY (ACE) FLIGHTS QUALITY (ACE) NUMBER						TYPE THICKNESS (INCHES) MEASUREMENTS (HEIGHT, WIDTH) AREA			
2 - PROPERTY PR CODE MO YR																					
FOLIO 3432 SUBLETTER SUBNUMBER																					
TOTAL BLDGS. LAST SALE DATE AMOUNT																					
ADDRESS 831 So Chicago St.																					
ADDITION River Park																					
QUARTER 3 SECTION 29 TOWNSHIP 24 RANGE 4																					
BLOCK 24 LOT 15-16 TAX LOT TRACT																					
DESCRIPTION																					
FEE OWNER I CONCO																					
3 - LAND 6610																					
ZONE ACTUAL IG CONFORMITY Y HIGHEST & BEST USE Y																					
LOT WIDTH FF VALUE LOT ACRE																					
LOT DEPTH ACRE VALUE																					
STANDARD WIDTH LOTSF 4990																					
STANDARD DEPTH SF VALUE 200 SITE VALUE																					
4 - BUILDING CLASSIFICATION																					
PREDOMINANT SHELL TYPE PREDOMINANT USE TYPE																					
<input checked="" type="checkbox"/> LIGHT WOOD <input type="checkbox"/> HEAVY TIMBER <input type="checkbox"/> LOAD BEARING MASONRY <input type="checkbox"/> STEEL (NOT FIREPROOFED) <input type="checkbox"/> FIRE RESISTANT <input type="checkbox"/> PRE-ENG (GALVANIZED STEEL) <input type="checkbox"/> PRE-ENG (ENAMELED STEEL OR ALUMINUM) <input type="checkbox"/> PRE-ENG (INSULATED SANDWICH PANELS) <input type="checkbox"/> SERVICE STATION OR SPECIALTY BLDG.																					
<input type="checkbox"/> 1 APARTMENT <input type="checkbox"/> 2 HOTEL OR MOTEL <input type="checkbox"/> 3 OFFICE <input type="checkbox"/> 4 COMMERCIAL <input checked="" type="checkbox"/> 5 INDUSTRIAL <input type="checkbox"/> 6 SERVICE STATION OR SPECIALTY TYPE																					
YEAR BUILT 1970 OVERALL QUALITY																					
EFFECTIVE YEAR 19 70																					
OBSOLESCENCE %																					
TOTAL NET CONDITION %																					
PERCENT COMPLETE %																					
5 - STRUCTURAL SHELL SECTIONS																					
1 - LIGHT WOOD 2 - HEAVY TIMBER 3 - LOAD BEARING MASONRY 4 - STEEL (NOT FIREPROOFED) 5 - FIRE RESISTANT 6 - PRE-ENG (GALVANIZED STEEL) 7 - PRE-ENG (ENAMELED STEEL OR ALUMINUM) 8 - PRE-ENG (INSULATED SANDWICH PANELS) 9 - SERVICE STATION OR SPECIALTY BLDG. 10 - BASEMENT & CONCRETE 1ST FLOOR 11 - BASEMENT & WOOD 1ST FLOOR 12 - DOCK HIGH FOUNDATION																					
6 - EXTERIOR WALL																					
DO NOT USE "-" ENTRY FOR SHELL TYPES 1-5 FOR SHELL TYPES 6-9, USE ONLY FOR SUBSTITUTIONS OR MISSING WALLS																					
1 - GROOVED PLYWOOD, STEEL SIDING, ETC. 2 - WOOD OR ASBESTOS SIDING, CEMENT BLOCK, CLAY TILE, ETC. 3 - TILT UP CONCRETE, MARBLECURE, ETC. 4 - COMMON BRICK, METAL SANDWICH PANELS, ETC. 5 - FACE BRICK, REINFORCED CONCRETE, ETC. 6 - COMMON BRICK PLUS CONCRETE 7 - FACE BRICK PLUS CONCRETE 8 - PRECAST CONCRETE PANELS, GLASS PANELS, ETC. 9 - METAL & GLASS CURTAIN WALL 10 - STONE MASONRY 11 - LIMESTONE, SLATE, ETC. 12 - MARBLE, ETC. 13 - POLISHED GRANITE, ETC. 14 - STORE FRONTS																					
7 - PEDESTRIAN DOORS																					
1 - REVOLVING 2 - AUTOMATIC SWINGING 3 - AUTOMATIC SLIDING 4 - AIR CURTAIN																					
TYPE QUALITY (ACE) NUMBER (1-3) LIN. FT. (4)																					
8 - VEHICLE DOORS																					
DO NOT USE FOR SHELL TYPE 9 1 - WOOD SECTIONAL 2 - STEEL SECTIONAL 3 - STEEL ROLLUP 4 - HANGER TYPE STEEL																					
TYPE QUALITY (ACE) NUMBER MEASUREMENTS (WIDTH, HEIGHT) AREA																					
1 C 1 8x10 80																					
1 C 1 8x12 96																					
9 - VEHICLE DOOR OPERATOR																					
10 - EXTERIOR STAIRS																					
11 - FIRE PLACES																					
12 - BANK VAULT DOORS																					
13 - FLOOR ADJUSTMENTS																					
1 - CONCRETE ON GRADE SHELLS 2 - WOOD (SHELLS 1, 2, & 11) 3 - CONCRETE & STEEL (SHELLS 3 & 4) 4 - REINFORCED CONCRETE (SHELLS 5 & 10)																					
TYPE QUALITY (ACE) # MEASUREMENTS (LENGTH, WIDTH) AREA																					
14 - BALCONIES																					
1 - WOOD 2 - CONCRETE 3 - STEEL & CONCRETE																					
TYPE QUALITY (ACE) MEASUREMENTS (LENGTH, WIDTH) AREA																					
15 - FLOOR GRATING																					
1 - STEEL 2 - ALUMINUM 3 - PLASTIC																					
TYPE QUALITY (ACE) MEASUREMENTS (LENGTH, WIDTH) AREA																					
16 - ROOF ADJUSTMENTS																					
1 - LIGHT WOOD (SHELL 1) 2 - HEAVY TIMBER (SHELL 2) 3 - STEEL NOT FIREPROOFED (SHELLS 3 & 4) 4 - CONCRETE (SHELL 5) 5 - GALVANIZED STEEL (SHELL 6) 6 - ENAM. STEEL OR ALUM. (SHELL 7) 7 - INSUL. SANDWICH PANELS (SHELL 8) 8 - PRECAST CONCRETE																					
TYPE QUALITY (ACE) # MEASUREMENTS (LENGTH, WIDTH) AREA																					
17 - WIDE SPAN ROOFS																					
1 - WOOD TRUSS 2 - WOOD GLULAM BEAM 3 - STEEL TRUSS 4 - PRESTRESSED CONCRETE																					
TYPE QUALITY (ACE) SPAN WIDTH MEASUREMENTS (LENGTH, WIDTH) AREA																					
18 - CANOPIES																					
QUALITY (ACE) MEASUREMENTS (LENGTH, WIDTH) AREA																					
19 - APARTMENT BUILDING DATA																					
NUMBER ITEM NUMBER ITEM																					
STUDIO APTS. EXHAUST FAN																					
1 BEDROOM APTS. EXHAUST HOOD & FAN																					
2 BEDROOM APTS. RANGE TOP & OVEN																					
3 BEDROOM APTS. DROP IN RANGE																					
GARBAGE DISPOSAL ELECTRIC FIREPLACE																					
DISHWASHER INTERCOM SYSTEM																					
20 - INTERIOR DEVELOPED AREAS																					
DO NOT USE FOR SHELL TYPE 9 1 - APARTMENTS 2 - APT UTILITY AREA 3 - HOTELS & MOTELS 4 - SMALL OFFICES 5 - OPEN OFFICES 6 - PROFESSIONAL OFFICES 7 - CLINICS 8 - RETAIL DISCOUNT TYPE 9 - OTHER RETAIL STORES 10 - BANKS & THEATERS 11 - WAREHOUSES 12 - LIGHT MANUFACTURING 13 - HEAVY MANUFACTURING																					
TYPE QUALITY (ACE) NO. APTS. (1) MEASUREMENTS (FLOORS, LENGTH, WIDTH) AREA																					
11 E 1152																					
21 - BANK VAULTS																					
1 - CASH 2 - RECORDS																					
TYPE MEASUREMENTS (LENGTH, WIDTH) AREA																					
22 - BANK ACCESSORIES																					
23 - DRIVE-IN WINDOW 24 - NIGHT DEPOSITORY																					
TYPE QUALITY (ACE) NUMBER																					
25 - HEATING & COOLING																					
1 - APT HW OR STEAM 2 - APT FHA 3 - APT UNIT HEATERS 4 - COM'L HW OR STEAM 5 - COM'L FHA 6 - COM'L UNIT HEATERS 7 - IND HW OR STEAM 8 - IND FHA 9 - IND UNIT HEATERS 10 - APT CENTRAL COOLING 11 - APT PACKAGE COOLING 12 - COM'L CENTRAL COOLING 13 - COM'L PACKAGE COOLING 14 - IND CENTRAL COOLING 15 - IND PACKAGE COOLING 16 - APT CENTRAL COMB 17 - APT PACKAGE COMB 18 - COM'L CENTRAL COMB 19 - COM'L PACKAGE COMB 20 - IND CENTRAL COMB 21 - IND PACKAGE COMB																					
TYPE QUALITY (ACE) MEASUREMENTS (FLOORS, LENGTH, WIDTH) AREA																					
26 - NO BOILER 27 - PLUMBING																					
ONLY FOR HEAT. TYPES 1, 4, OR 7 1 - APTS 2 - COM'L 3 - IND.																					
28 - MINIMUM INDUSTRIAL UNIT HEATERS																					
1 - SMALL 2 - MED 3 - LARGE																					
TYPE NUMBER																					
29 - ELECTRICAL																					
1 - APT 2 - COM'L 3 - IND. DO NOT USE FOR SHELL TYPE 9																					
ILLUMINATION: 1 - BRIGHT 2 - ADEQUATE 3 - MINIMUM 4 - INADEQUATE																					
TYPE QUALITY (ACE) ILLUM (1-3) (3E: 4) MEASUREMENTS (FLOORS, LENGTH, WIDTH) AREA																					
30 - SPRINKLERS																					
1 - APTS 2 - COM'L 3 - IND																					
TYPE QUALITY (ACE) MEASUREMENTS (FLOORS, LENGTH, WIDTH) AREA																					
31 - COLD STORAGE 32 - ESCALATORS																					
1 - COOLER 2 - CHILLER 3 - FREEZER 4 - QUICK FREEZE																					
TYPE MEASUREMENTS (LENGTH, WIDTH) AREA																					
33 - ELEVATORS																					
1 - PASS AUTO ELEC LOC 2 - PASS AUTO ELEC EXP 3 - PASS MAN ELEC LOC 4 - PASS MAN ELEC EXP 5 - PASS HYD 6 - FREIGHT ELEC 7 - FREIGHT HYD 8 - PERSONNEL LIFT 9 - SIDEWALK MAN 10 - SIDEWALK HYD 11 - SIDEWALK ELEC 12 - DUMBWAITER ELEC 13 - DUMBWAITER MAN																					
TYPE QUALITY (ACE) CAPACITY (LBS) (1-7) STOPS (1-8) NUMBER																					
34 - OTHER PRINCIPAL BUILDING COMPONENTS																					
SECTION TYPE QUALITY OTHER DESCRIPTION REPLACEMENT COST																					

204-13-72 150# 044 B - 1000 UNITIN

111-2

1-17-72

FOLIO 3432

ADDITION RIVER PARK

CDN 44-45

PERMIT NO.

Section SW 29 Twp 24 Range 4 EWM. Block 24 Lot or 11-12-13-14-43-44-4

DATE

Address 834-40 S. KENYON FOR REFERENCE ONLY

Fee Owner IVERSON CONST. CO. Architect HAROLD P. BLEAN Contractor OWNER

Zoning 1-G Condition of Exterior GA Interior GA Foundation GA Floor Plan: Good Accept. Poor

USE OFF & GARAGE	ROOF CONSTRUCTION	FLOOR FINISHES	PLUMBING
1 No. Stories No. Stores 2 No. Rooms Basement Unit No. Offices Sq. Ft. No. Apartmts. 1 rm. 2 rm. 3 rm. 4 rm. 5 rm. 6 rm.	Frame-Joist Mill-Deck Rein. Conc. GLB Steel Fr. Metal Deck Trusses Span Wood Steel	Fir Oak Lino Cement Terrazzo Asphalt Tile Maple 2x6TG 3x6TG Lgtwgt. Conc. Vinyl Tile	Tile Lino Form. Bath Floor Bath Walls Tub Recess Drain Bds. Vanities No. Fixtures Toilets Urinals Tubs Leg. or Pem. Basins Dr. Fins Sinks Washers Dryers Showers (tub) (stall) H.W. Tanks Ldy.T D: Washers Dispo

TYPE OF CONSTRUCTION

Frame
Metal-Prefab
Ordinary Masonry
Mill Construction
Class A Rein. Conc.
Stru. Steel and Conc.
Struct. Steel, Frame

QUALITY-TYPE

Good Med. Cheap

FOUNDATION

Mud Sill Post Pier
Conc. Brick
Load Hgt. Piling

BASEMENT

Full % Part.
Sub-Basement
Size
Garage No. Cars
Floors
Plastered Pl. Bd.
No. Apartments
Service Rooms

EXTERIOR WALL CONST.

Single Double
Stud Walls
Brick Pil.
Conc. Pil.
Rein. Conc. Skeleton
Str. Stl.-Frame
Pre-Fab Metal
Tilt-Up
Filler Wall
Curtain Wall

EXTERIOR FACING

Siding METAL
Stucco Shakes
Marblecrete
Brick Veneer
Conc. Conc. Blk.

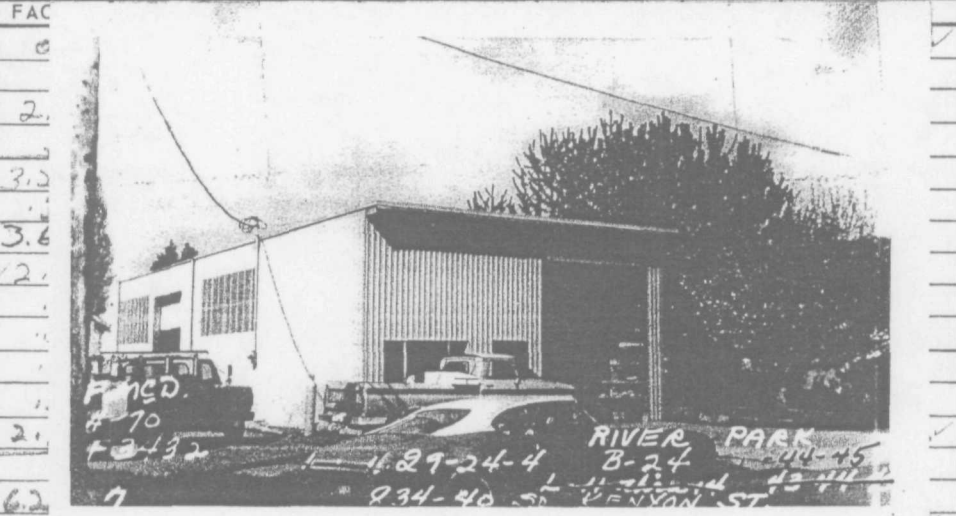
FLOOR CONSTRUCTION

Joist x x O.C.
Mill Car Deck
Conc. Elev.
Steel GLB.

ROOF COVERING

Blt.-Up Tar.&Gr.
Comp. Metal

Date Built 1970 Date Add. Built
Effective Age 1 Years Future Life
Dep. for Cond. Dep for Ob. Dep. for Es. Total



MISC. TANKS, Etc.	ELEVATORS	DOCKS AND PIERS	WIRING
HOISTS: Elec. Hydr. 3-15412 WOOD ROUL UP DOORS	Pass. Frght Auto. Elec. Man. Hydr. Doprs-Auto Man. Escalators Stops Speed Cap'y.	Hvy. Med. Lgt. Untrtd. Pile Tmbr. Conc. Piles & Bms Trtd. Pile Tmbr. Paved Dolphins Deck	Knob & Tube Flex. Cable Conduit Pwr. Wiring Range Wiring Outlets

C.Hgt. GROUND FLOOR AREA 2505 2490

TOTAL FLOOR AREA 2505 2490

INTERIOR WALLS & CEILING

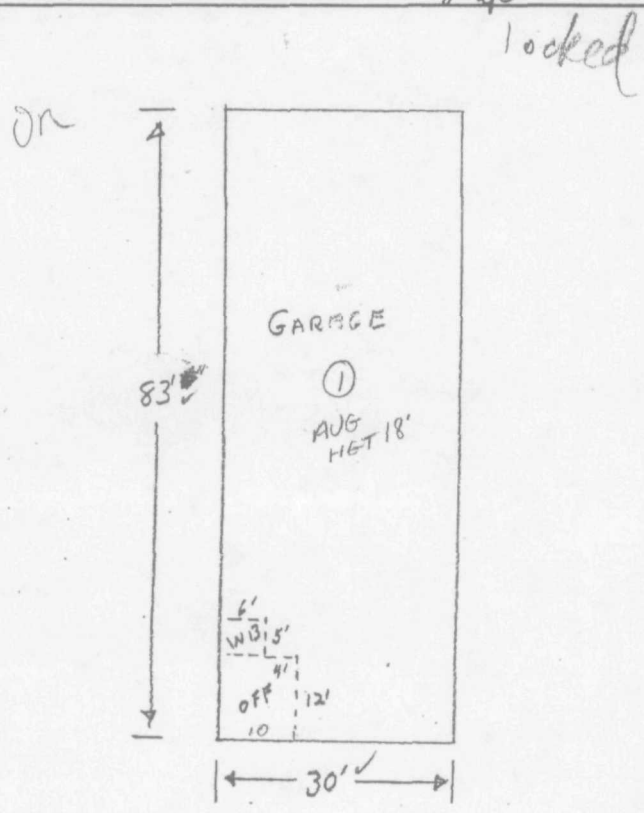
Stud Wood Metal
Plaster Dry Wall
Acc. Tile Celotex
Ceiled Plywood
Solid Block
Sound Proofed Lamin.
Finished Unfinished
Painted Varnished

INSULATION NONE

Exter. Partitions
Roof Floor

INTERIOR TRIM

Fir Birch
Mah. Oak
Metal
Wood Metal Doors
Wood Metal Sash
Stained Varnish
Painted Unfin.



33 - PLAT OF BUILDING

34 - CALCULATIONS

A hand-drawn diagram on graph paper. The diagram consists of a large rectangle with a smaller rectangle inside it. The large rectangle has a vertical dimension of 83 and a horizontal dimension of 30. Inside the large rectangle, there is a smaller rectangle labeled "off" with a vertical dimension of 12 and a horizontal dimension of 6. The text "WS 5" is written near the "off" label.

104

[illegible]

56 - REMARKS	57 - INCOME DATA	58 - PERMIT DATA
4-75 owner oco	ANNUAL ECONOMIC OR ACTUAL GROSS INCOME \$ 2988	NUMBER DATE VALUE DATE STARTED DATE COMPLETE
	LESS VACANCY 5% -149	
	ANNUAL EFFECTIVE GROSS INCOME \$ 2839	
	LESS EXPENSES 15% -926	
	ANNUAL NET INCOME \$ 2413	59 - SALES RECORD
	LAND VALUE (UNIT _____ X UNIT VALUE _____)	MONTH YEAR AMOUNT
	LAND RATE (INTEREST 7% + TAXES 2.3% -9.3%)	
	LESS LAND INCOME (VALUE 7500 X RATE 9.3%) -698	
	NET INCOME TO BUILDING \$ 1715	
	÷ BUILDING RATE (INTEREST 7% + TAXES 2.3% + RECAPTURE 2.5%) 11.8%	60 - STAFF
	BUILDING VALUE \$ 19500	DATE ENUMERATOR CLASSIFIER CALCULATOR REVIEW
	PERSONAL PROPERTY VALUE	4-75 56
	LAND VALUE	
	INDICATED TOTAL PROPERTY VALUE \$	

61 - APPRAISAL DATA

[illegible]

KING COUNTY ASSESSOR'S COMMERCIAL - INDUSTRIAL PROPERTY RECORD PRINCIPAL BUILDINGS

1 - IDENTIFICATION MAJOR <u>732790</u> MINOR <u>2585</u> SPLIT BLDG. NO. 2 - PROPERTY PR CODE <u>111</u> MOI <u>11</u> YRI <u>11</u> FOLIO <u>3432</u> SUBLETTER SUBNUMBER TOTAL BLDGS LAST SALE DATE AMOUNT ADDRESS <u>834-40 So. Kenyon</u> ADDITION <u>River Park</u> QUARTER <u>3</u> SECTION <u>29</u> TOWNSHIP <u>24</u> RANGE <u>4</u> BLOCK <u>24</u> LOT <u>44.45</u> TAX LOT TRACT DESCRIPTION FEE OWNER <u>ICONCO</u> 3 - LAND <u>6610</u> ZONE ACTUAL <u>IG</u> CONFORMITY <u>Y</u> HIGHEST & BEST USE <u>Y</u> LOT WIDTH FF VALUE LOT ACRE LOT DEPTH ACRE VALUE STANDARD WIDTH LOT SF <u>4300</u> STANDARD DEPTH SF VALUE <u>1.75</u> SITE VALUE 4 - BUILDING CLASSIFICATION PREDOMINANT SHELL TYPE PREDOMINANT USE TYPE <table style="width: 100%;"> <tr> <td>1 LIGHT WOOD</td> <td>1 APARTMENT</td> </tr> <tr> <td>2 HEAVY TIMBER</td> <td>2 HOTEL OR MOTEL</td> </tr> <tr> <td>3 LOAD BEARING MASONRY</td> <td>3 OFFICE</td> </tr> <tr> <td>4 STEEL (NOT FIREPROOFED)</td> <td>4 COMMERCIAL</td> </tr> <tr> <td>5 FIRE RESISTANT</td> <td>5 INDUSTRIAL</td> </tr> <tr> <td>6 PRE-ENG (GALVANIZED STEEL)</td> <td>6 SERVICE STATION OR SPECIALTY TYPE</td> </tr> <tr> <td>7 PRE-ENG (ENAMELED STEEL OR ALUMINUM)</td> <td></td> </tr> <tr> <td>8 PRE-ENG (INSULATED SANDWICH PANELS)</td> <td></td> </tr> <tr> <td>9 SERVICE STATION OR SPECIALTY BLDG.</td> <td></td> </tr> </table> YEAR BUILT <u>1970</u> OVERALL QUALITY EFFECTIVE YEAR 19 <u>70</u> A HIGH OBSOLESCENCE <u>43</u> % B ABOVE AVERAGE TOTAL NET CONDITION % C AVERAGE PERCENT COMPLETE % D BELOW AVERAGE E LOW 5 - STRUCTURAL SHELL SECTIONS -LIGHT WOOD 7-PRE-ENG (ENAMELED STEEL OR ALUMINUM) -HEAVY TIMBER 8-PRE-ENG (INSULATED SANDWICH PANELS) -LOAD BEARING MASONRY 9-SERVICE STATION OR SPECIALTY BLDG. -STEEL (NOT FIREPROOFED) 10-BASEMENT & CONCRETE 1ST FLOOR -FIRE RESISTANT 11-BASEMENT & WOOD 1ST FLOOR -PRE-ENG (GALVANIZED STEEL) 12-DOCK HIGH FOUNDATION 6 - EXTERIOR WALL DO NOT USE "-" ENTRY FOR SHELL TYPES 1-5 FOR SHELL TYPES 6-9, USE ONLY FOR SUBSTITUTIONS OR MISSING WALLS 1-GROOVED PLYWOOD, STEEL SIDING, ETC. 2-WOOD OR ASBESTOS SIDING, CEMENT BLOCK, CLAY TILE, ETC. 3-TILT UP CONCRETE, MARBLE CONCRETE, ETC. 4-COMMON BRICK, METAL SANDWICH PANELS, ETC. 5-FACE BRICK, REINFORCED CONCRETE, ETC. 6-COMMON BRICK PLUS CONCRETE 7-FACE BRICK PLUS CONCRETE 8-PRECAST CONCRETE PANELS, GLASS PANELS, ETC. 9-METAL & GLASS CURTAIN WALL 10-STONE MASONRY 11-LIMESTONE, SLATE, ETC. 12-MARBLE, ETC. 13-POLISHED GRANITE, ETC. 14-STORE FRONTS <table style="width: 100%;"> <tr> <th>PE</th> <th>QUALITY (ACE)</th> <th>#</th> <th>MEASUREMENTS (HEIGHT, LENGTH)</th> <th>WALL AREA</th> </tr> <tr> <td><u>6</u></td> <td><u>C</u></td> <td><u>-</u></td> <td><u>O.H. DRS.</u></td> <td><u>540</u></td> </tr> </table> 7 - PEDESTRIAN DOORS REVOLVING 3 AUTOMATIC SLIDING AUTOMATIC SWINGING 4 AIR CURTAIN <table style="width: 100%;"> <tr> <th>TYPE</th> <th>QUALITY (ACE)</th> <th>NUMBER (1-3)</th> <th>LIN. FT. (4)</th> </tr> </table> 8 - VEHICLE DOORS DO NOT USE FOR SHELL TYPE 9 -WOOD SECTIONAL 3-STEEL ROLLUP -STEEL SECTIONAL 4-HANGER TYPE STEEL <table style="width: 100%;"> <tr> <th>VE</th> <th>QUALITY (ACE)</th> <th>NUMBER</th> <th>MEASUREMENTS (WIDTH, HEIGHT)</th> <th>AREA</th> </tr> <tr> <td><u>1</u></td> <td><u>C</u></td> <td><u>3</u></td> <td><u>12 X 15</u></td> <td><u>180</u></td> </tr> </table>				1 LIGHT WOOD	1 APARTMENT	2 HEAVY TIMBER	2 HOTEL OR MOTEL	3 LOAD BEARING MASONRY	3 OFFICE	4 STEEL (NOT FIREPROOFED)	4 COMMERCIAL	5 FIRE RESISTANT	5 INDUSTRIAL	6 PRE-ENG (GALVANIZED STEEL)	6 SERVICE STATION OR SPECIALTY TYPE	7 PRE-ENG (ENAMELED STEEL OR ALUMINUM)		8 PRE-ENG (INSULATED SANDWICH PANELS)		9 SERVICE STATION OR SPECIALTY BLDG.		PE	QUALITY (ACE)	#	MEASUREMENTS (HEIGHT, LENGTH)	WALL AREA	<u>6</u>	<u>C</u>	<u>-</u>	<u>O.H. DRS.</u>	<u>540</u>	TYPE	QUALITY (ACE)	NUMBER (1-3)	LIN. FT. (4)	VE	QUALITY (ACE)	NUMBER	MEASUREMENTS (WIDTH, HEIGHT)	AREA	<u>1</u>	<u>C</u>	<u>3</u>	<u>12 X 15</u>	<u>180</u>	9 - VEHICLE DOOR OPERATOR QUALITY (ACE) NUMBER 10 - EXTERIOR STAIRS 1-WOOD 3-STEEL CONCRETE 2-CONCRETE 4-STEEL TYPE QUALITY (ACE) FLIGHTS QUALITY (ACE) NUMBER 11 - FIRE PLACES QUALITY (ACE) NUMBER 21 - BANK VAULT DOORS 1 - CASH 2 - RECORDS TYPE THICKNESS (INCHES) MEASUREMENTS (HEIGHT, WIDTH) AREA 22 - BANK ACCESSORIES 2 - DRIVE-IN WINDOW 3 - NIGHT DEPOSITORY TYPE QUALITY (ACE) NUMBER 23 - HEATING & COOLING 1-APT HW OR STEAM 12-COM'L CENTRAL COOLING 2-APT FHA 13-COM'L PACKAGE COOLING 3-APT UNIT HEATERS 14-IND CENTRAL COOLING 4-COM'L HW OR STEAM 15-IND PACKAGE COOLING 5-COM'L FHA 16-APT CENTRAL COMB 6-COM'L UNIT HEATERS 17-APT PACKAGE COMB 7-IND HW OR STEAM 18-COM'L CENTRAL COMB 8-IND FHA 19-COM'L PACKAGE COMB 9-IND UNIT HEATERS 20-IND CENTRAL COMB 10-APT CENTRAL COOLING 21-IND PACKAGE COMB 11-APT PACKAGE COOLING TYPE QUALITY (ACE) MEASUREMENTS (FLOORS, LENGTH, WIDTH) AREA 13 - BALCONIES 1 - WOOD 2 - CONCRETE 3 - STEEL & CONCRETE TYPE QUALITY (ACE) MEASUREMENTS (LENGTH, WIDTH) AREA 14 - FLOOR GRATING 1 - STEEL 2 - ALUMINUM 3 - PLASTIC TYPE QUALITY (ACE) MEASUREMENTS (LENGTH, WIDTH) AREA 15 - ROOF ADJUSTMENTS 1-LIGHT WOOD (SHELL 1) 5-GALVANIZED STEEL (SHELL 6) 2-HEAVY TIMBER (SHELL 2) 6-ENAM. STEEL OR ALUM (SHELL 7) 3-STEEL NOT FIREPROOFED (SHELLS 3 & 4) 7-INSUL. SANDWICH PANELS (SHELL 8) 4-CONCRETE (SHELL 5) 8-PRECAST CONCRETE TYPE QUALITY (ACE) # MEASUREMENTS (LENGTH, WIDTH) AREA 16 - WIDE SPAN ROOFS 1 - WOOD TRUSS 3 - STEEL TRUSS 2 - WOOD GLULAM BEAM 4 - PRESTRESSED CONCRETE TYPE QUALITY (ACE) SPAN WIDTH MEASUREMENTS (LENGTH, WIDTH) AREA 17 - CANOPIES QUALITY A-E MEASUREMENTS (LENGTH, WIDTH) AREA 18 - APARTMENT BUILDING DATA <table style="width: 100%;"> <tr> <th>NUMBER</th> <th>ITEM</th> <th>NUMBER</th> <th>ITEM</th> </tr> <tr> <td></td> <td>STUDIO APTS.</td> <td></td> <td>EXHAUST FAN</td> </tr> <tr> <td></td> <td>1 BEDROOM APTS.</td> <td></td> <td>EXHAUST HOOD & FAN</td> </tr> <tr> <td></td> <td>2 BEDROOM APTS.</td> <td></td> <td>RANGE TOP & OVEN</td> </tr> <tr> <td></td> <td>3 BEDROOM APTS.</td> <td></td> <td>DROP IN RANGE</td> </tr> <tr> <td></td> <td></td> <td></td> <td>ELECTRIC FIREPLACE</td> </tr> <tr> <td></td> <td>GARBAGE DISPOSAL</td> <td></td> <td>INTERCOM SYSTEM</td> </tr> <tr> <td></td> <td>DISHWASHER</td> <td></td> <td></td> </tr> </table> 19 - INTERIOR DEVELOPED AREAS DO NOT USE FOR SHELL TYPE 9 1-APARTMENTS 8-RETAIL DISCOUNT TYPE 2-APT UTILITY AREA 9-OTHER RETAIL STORES 3-HOTELS & MOTELS 10-BANKS & THEATERS 4-SMALL OFFICES 11-WAREHOUSES 5-OPEN OFFICES 12-LIGHT MANUFACTURING 6-PROFESSIONAL OFFICES 13-HEAVY MANUFACTURING 7-CLINICS TYPE QUALITY (ACE) NO. APTS. (1) MEASUREMENTS (FLOORS, LENGTH, WIDTH) AREA 20 - BANK VAULTS 1 - CASH 2 - RECORDS TYPE MEASUREMENTS (LENGTH, WIDTH) AREA 				NUMBER	ITEM	NUMBER	ITEM		STUDIO APTS.		EXHAUST FAN		1 BEDROOM APTS.		EXHAUST HOOD & FAN		2 BEDROOM APTS.		RANGE TOP & OVEN		3 BEDROOM APTS.		DROP IN RANGE				ELECTRIC FIREPLACE		GARBAGE DISPOSAL		INTERCOM SYSTEM		DISHWASHER		
1 LIGHT WOOD	1 APARTMENT																																																																																
2 HEAVY TIMBER	2 HOTEL OR MOTEL																																																																																
3 LOAD BEARING MASONRY	3 OFFICE																																																																																
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5 FIRE RESISTANT	5 INDUSTRIAL																																																																																
6 PRE-ENG (GALVANIZED STEEL)	6 SERVICE STATION OR SPECIALTY TYPE																																																																																
7 PRE-ENG (ENAMELED STEEL OR ALUMINUM)																																																																																	
8 PRE-ENG (INSULATED SANDWICH PANELS)																																																																																	
9 SERVICE STATION OR SPECIALTY BLDG.																																																																																	
PE	QUALITY (ACE)	#	MEASUREMENTS (HEIGHT, LENGTH)	WALL AREA																																																																													
<u>6</u>	<u>C</u>	<u>-</u>	<u>O.H. DRS.</u>	<u>540</u>																																																																													
TYPE	QUALITY (ACE)	NUMBER (1-3)	LIN. FT. (4)																																																																														
VE	QUALITY (ACE)	NUMBER	MEASUREMENTS (WIDTH, HEIGHT)	AREA																																																																													
<u>1</u>	<u>C</u>	<u>3</u>	<u>12 X 15</u>	<u>180</u>																																																																													
NUMBER	ITEM	NUMBER	ITEM																																																																														
	STUDIO APTS.		EXHAUST FAN																																																																														
	1 BEDROOM APTS.		EXHAUST HOOD & FAN																																																																														
	2 BEDROOM APTS.		RANGE TOP & OVEN																																																																														
	3 BEDROOM APTS.		DROP IN RANGE																																																																														
			ELECTRIC FIREPLACE																																																																														
	GARBAGE DISPOSAL		INTERCOM SYSTEM																																																																														
	DISHWASHER																																																																																

less CW way #

3645 ~~3735~~

732790-3645

840

50 0010

[illegible]

POLIO

3434

ADDITION *River Park*

Section 29 Twp 24 Range 4 Ewn Block 31 Tract or Loc 38

Class C W Vay #1

PERMIT No.

386099

DATE

3-1-48

822 Chicago St

Location of Exterior

Foundation

USE *Cabinet Shop*

BOOK CONSTRUCTION

FLOOR FINISHES

Tile

PLUMBING *None*

No. Stories	
No. Rooms	
No. Bathrooms	
No. Offices	
No. Apartments	
1 rm.	
2 rm.	
3 rm.	
4 rm.	

Frame	
Mill Construction	
Brick Concrete	
Wood	
Steel	

Plank	
Oak	
Lino	
Concrete	
Terrazzo	
Raschid	
Tile	

Baths	
No. Fl.	
No. Fl.	
No. Fl.	
No. Fl.	
No. Fl.	
No. Fl.	
No. Fl.	

No. Fixtures	
Toilets	
Tubs, Log or Pans	
Baths, Fed.	
Sinks	
Urinals	
Showers (Tub) (Stall)	
Laundry Trays	
H.W. Tank Fl. Drains	
Sprink. Sys. No.	

Heating	
Stove	
Pipeline Furnace	
Gravity H. A.	
Air Cond. Fan	
Arsole	
1-Pipe Steam	
2-Pipe St. or Vapor	
Hot Water	
Oil Burner	
Coal Stoker	

TYPE OF CONSTRUCTION

ROOFING MATERIAL

REPRODUCTION COST Factor Make Up

vacant.

REPRODUCTION COST Factor Make Up

REPRODUCTION COST Factor Make Up

Frame	
Brick	
Ordinary Masonry	
Mill Construction	
Class A Rein. Con.	
Stn. Steel and Con.	
Tile	
Brick	
Con.	
Rein. Con.	

Asphalt Gravel	
Gravel	
Concrete	
Brick	
Rein. Con.	

Reinforced	
Unreinforced	
Remodeled	
Years	
Future Life	
Dep. for Ob.	
Dep. for Ex.	
Total	

Reinforced	
Unreinforced	
Remodeled	
Years	
Future Life	
Dep. for Ob.	
Dep. for Ex.	
Total	

Reinforced	
Unreinforced	
Remodeled	
Years	
Future Life	
Dep. for Ob.	
Dep. for Ex.	
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Reinforced	
Unreinforced	
Remodeled	
Years	
Future Life	
Dep. for Ob.	
Dep. for Ex.	
Total	

FOUNDATION

FOUNDATION

FOUNDATION

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F 3-4-49

B-31-L-38

Chicago

1. DISTRICT 28 2. ADDITION RIVER PARK 3. ADDRESS OF PROPERTY 820 Chicago Street 4. FEE OWNER Mary Hilner 5. ARCHITECT 5-18-28 6. ORIG. BUILDING COST \$ 7.00 7. CONDITION OF EXTERIOR POOR INTERIOR fair FOUNDATION fair FLOOR PLAN POOR

8. BUILDING 1 famly dwell 1 story 4 rooms 4 1st floor interior walls 4 plaster floors 4 fir fire place none interior trim 4 fir plumbing 5 fixtures 1 tub-leg 1 toilet 1 basin 1 sink 1 h. w. tank -cheap-

9. CORNER JOINTS cased in 10. FIRST FLOOR JOIST SIZE 2 x 6 AND 16 INCH CENTERS BRIDGED no 11. FIRST FLOOR JOIST SUPPORT COLUMN OR POST SIZE 6 x 6 12. CLASS OR GRADE NO. 1 SHAPE NO. 1 13. BUILDING FINISHED OR UNFINISHED finished 14. DEPRECIATION: CONDITION 22 % OBSLSE no % ECON. SUIT no % TOTAL no DATE BUILT 1908 REMODELED no EFFECTIVE AGE 23 YEARS FUTURE LIFE 9 YEARS

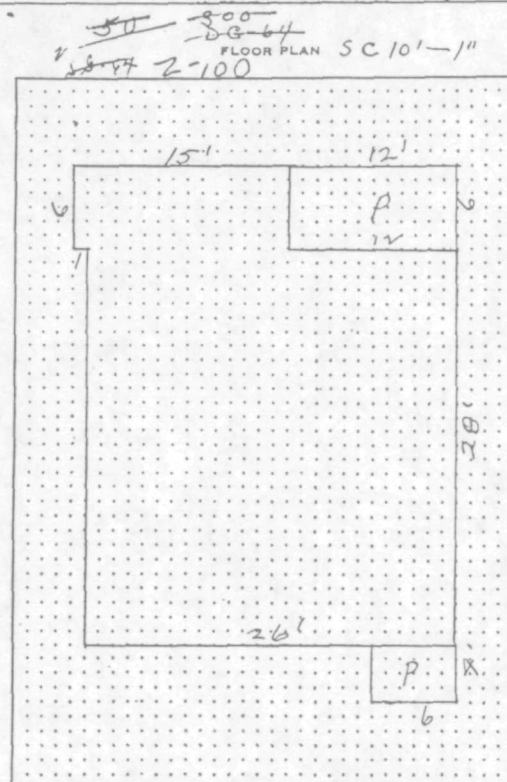
LAND INFORMATION 1. SIZE x TOPOGRAPHY level GRADE on grade FEET 26 2. STREET ROAD graded SURFACE gravel ALLEY no 3. SIDEWALK no SEWERAGE cesspool WELL no ELECT. PUMP no 4. LANDSCAPING lawn COND. fair 5. TREND static VALUE OF LAND no 6. USE OF DISTRICT industrial-waterfront VIEW no 7. RESIDENTIAL poor-old ZONED no

15. MAIN BUILDING DIMENSION 26 x 28 818 6 x 15 24 6 x 12 72 16. IMPROVEMENT VALUE MAIN BUILDING \$ 180 500 17. TOTAL \$ 180 500 18. ASSESSED VALUE 50% \$ 90 250 19. DATE 11-23-37 20. 465-2-100-2563 300

21. OTHER BUILDINGS CONSTRUCTION FLOOR ROOF STY. DIMENSION AREA VALUE 22. GARAGE 1943 blk-ent con comp 12x20 240 \$ 23. Shed No A. V. x x x x

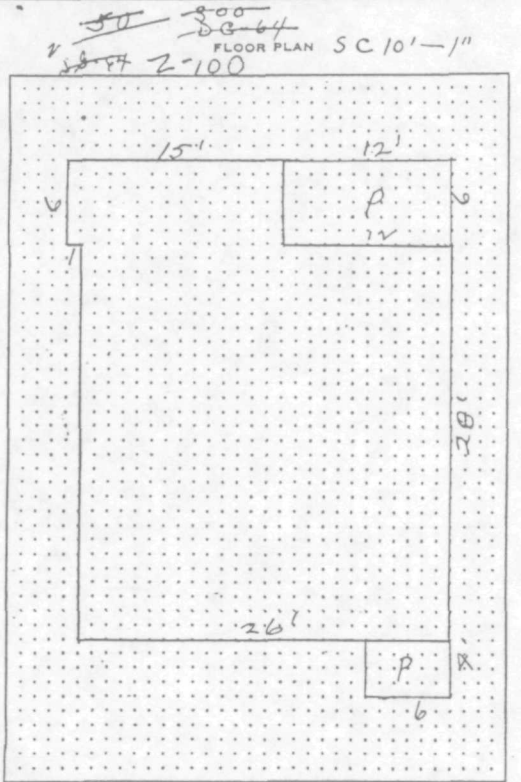
24. OWNER OR CONTRACT PURCHASER DATE FILE NO. PRICE MTGE. STAMP 25. Charles P. McCann 4-19-61 5422493 5000 26. John J. Joffe 10-1-72 2194639 17,500

27. REMARKS Also - 37 LESS C.W. Way #1 - RIVER - PARK - ADD. 31 Arch has been enclosed and new siding they 14



MAIN BUILDING			
DIMENSION		SQ. FT. AREA	
26	x	29	818
6	x	15	
	x		
	x		
PCH.	4	x	6
			24
PCH.	6	x	12
			72

IMPROVEMENT VALUE	
MAIN BUILDING	\$
OTHER BUILDINGS	\$
TOTAL	\$ 180 500
ASSESSED VALUE 50%	\$ 90 250
DATE	11-28-37



THIS SQUARE INDICATES _____ ACRES

 $1'' = 50'$

RANGE 4 E

PARCEL NO. _____

PLAT MAP

V SWAMP . _____

K HILLY _____

8TH, AVE. S.

CHICAGO S.I.

IF USED AS $\frac{1}{4}$ SECT. SCALE ONE INCH 400 FEET OR 160 ACRES OR 2640 FEET

IF USED AS $\frac{1}{4}$ OF $\frac{1}{4}$ " SCALE ONE INCH 200 FEET OR 40 ACRES OR 1320 FEET

IF USED AS $\frac{1}{4}$ - $\frac{1}{4}$ - $\frac{1}{4}$ " SCALE ONE INCH 100 FEET OR 10 ACRES OR 660 FEET

Date 9-22-49 31-22-49
 3 Address River Park
 Section 29 - 24 Range 4 EWM. Block 8 24 Sub 1 32
 Description W-Par
 Permit No. 344667
 Date 6-23-49
 3 Address of Property 802-Kenyon Cont. Fee
 4 Fee Owner
 5 Architect Contractor
 6 Original Building Cost Owner-Tenant Occupied Rental per Month Estimated Rental per Month
 7 Condition of Exterior Interior Foundation Floor Plan Good Accept Poor

BUILDING	FLOOR	ATTIC	PORCHES	EXTERIOR WALLS
1 One Family Dwelling	1 Floor-Wall Bath	1 Stairway	2 One Story	1 Boards and Batten
2 Two Family Dwelling	1 Floor-Wall Lavatory	1 Opened Closed	2 Two Story	1 Shiplap
3 No. of Stories	1 Floor-Wall	1 Finished	2 Unroofed	1 Rustic
4 No. of Rooms	1 Floor-Wall	1 Unfinished	1 Brick and or Concrete	1 Cedar Siding
5 Basement	1 Floor-Wall Shower	1 Wall	1 Cement Floor	1 Shingles
6 First Floor	1 Floor-Wall Kitchen	1 DOORWAYS	1 Recessed	1 Shakes
7 Second Floor	1 Kitchen Drain Board	1 No. Width	1 Glazed	1 Stucco on
8 Third Floor	1 Unfinished	1	1 Enchased	1 Brick Veneer
9 Attic			1	1 Wind

10 Date first occupied, Month 12-1-50 19
 11 Date built, 12-50 Unfinished ☐ Moved, 19
 12 Date finished, 12-50 Rebuilt, 19 Remodeled, 19
 13 Estimated Age Years Future Life 50 Years
 14 Dep. for Cond. Dep. for O.B. Dep. for 25 Total

15 Open Space

16 Fenced

17 Enclosed

18 Expansive

19 Unfinished Walls



2-2-51 RIVER PK
F-3432 B-8 2-3024
802-KENYON

20 CONSTRUCTION

Single 7250

Double 76-64

Solid

Very Cheap

Cheap 2-250

Medium 76-63

Good

Special

21 Total Corner Joists

22 CEILING HEIGHT

Basement 8 ft. in.

1st Floor 8 ft. in.

2nd Floor 8 ft. in.

3rd Floor 8 ft. in.

Attic Low High

BASEMENT	HEATING	GROUND FLOOR AREA	SCALE
1 Full	1 Stove	752	1" = 10'
2 Part	1 Piped Purpose	780 sq. ft.	
3 To first floor level	1 Fuel Furnace		
4 Frame and Concrete	1 Hot Air Furnace		
5 Cement Blocks	1 Fan		
6 Concrete	1 Gas		
7 Decoration Room	1 Stoker		
8 Living Room	1 Pot Oil Burner		
9 Service Room	1 Pressure Oil Burner		
10 Garage	1 Oil Burning Unit		
11 Drain	1 Air Cond. Comp.		
12 Unfinished	1 Radiant		
13 FOUNDATION	1 Hot Water		
14 Concrete Thick	1 Electric		
15 Cement Blocks	1 EXTRA FEATURES		
16 Stone or Brick	1 Cathedral Ceiling		
17 Wood Post Concrete Block	1 Laminated		
18 ROOF	1 FLOOR CONSTRUCTION		
19 Shingle	1 1st Floor Joists 2 x 8 = 16		
20 Shakes	1 Bridged		
21 Composition panel	1 Post Size 6 x 6		
22 Tile or Slate	1 Beam Size 6 x 8		
23 Saw and Gravel			

Other Buildings	Construction	Floor	Roof	Sty.	Dimensions	S.F. Area	Factor	Value	% Dep.	Deprec.	Net Value
1	W-Par	Conc.	Comp.	1	18 x 20	360		\$		\$	\$
2								\$		\$	\$
3								\$		\$	\$
4								\$		\$	\$

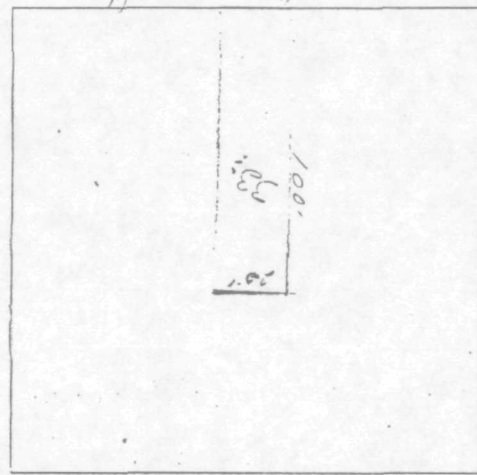
2520

3278

2595

CT: ROAD	SCHOOL	WATER	FIRE	METRO	732790-2520	1500	750 0010	SECTION 2595
Seattle 1								

RECORD OF ASSESSED VALUE					DATE	BY	REASON	BUILDING			
YEAR	AC.	LAND	BLDG'S.	TOTAL				DECREASE	INCREASE	DECREASE	INCREASE
1938		70	50	120							
1939		70	50	120	9-1	PO	Assessed				
1943		70	50	120		MAH	Assessed 1944 Roll				
1946		70	100	270	4-15	WP	Car porch added, 1. planning				
1948		90	100	290	3-47	W					
1949		150	200	350	5-28	KS					
1952		150	1400	1550	5/2/51	PO	New Imp. Fin. 1950				
1956		410	1400	1810	6-54	E.B	merge				
1957		410	1550	1960	5-16-56	crw	Garage added				
1958		400	1550	1950	7-11-57	SL					
1960		600	1550	2150	2-28-61	LL	IR				
1965		600	350	950	8/23/63	SL	Zoning Revalues				
1965		600	1550	2150	9-24-64	JN (city)	perfolin N5969				
1966		1500	1550	3050	10-16-64	SL	IR				
1966		1500	750	2250	12-7-64	SL	Zoning				
71	L	3000 B	1500 T	4500	732790-2520-0	8/9					
1972		3000	1400	4400	4-30-71	SL	Reval imp "B", Turn down				
1973		6550	6350	12900	5-6-72	CO	Reval				
19											
19											
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19											



PARCEL NO. _____

TAX LOT NO. _____

SECTION _____

TWP _____

RANGE _____

SE 99

LAND CLASSIFICATION AND SEGREGATION

SCALE ONE INCH 100 FEET TO 2 1/2 ACRES OR 330 FEET

THIS SQUARE INDICATES 2 1/2 ACRES

#5353

AERIAL PHOTO

QUARTER MAP

PLAT MAP

1. DISTRICT 18
LINES
SO. PARK
CODE NO.
2

2. ADDITION River Park Add. 5-10
SECTION TWP. N. RANGE EWM. BLOCK 24 TRACT OR LOT NO. 23
DESCRIPTION

3. ADDRESS OF PROPERTY CONTRACT PURCHASER CC. CO. 13401
4. FEE OWNER KING Co. TAX DEED No 11950 8-2-37

LAND INFORMATION
1. SIZE OF TRACT OR LOT X TOPOGRAPHY level GRADE on grade FT. 2. STREET-ROAD graded SURFACE gravel
ALLEY none 3. SIDEWALK none SEWAGE none WATER city PUMP DRAINAGE
4. LANDSCAPING natural CONDITION 5. TREND static VALUE OF LOT \$ FRONT STREET
FACTOR \$ SIDE STREET FACTOR \$ DEPTH FACTOR \$ CREDIT
6. USE residential 7. DISTRICT poor-old

LAND USE	SOIL TYPE	CROPS-TIMBER STAND	NO. ACRES	VALUE ACRE	VALUE
				\$	\$
					\$
					\$
					\$
					\$
O LAND SIZE <u>20 x 30239</u>			TOTAL	<u>(2)</u>	\$
C OWNER OR CONTRACT PURCHASER <u>Orvil K. Lundh</u>		DATE <u>5/14/48</u>	FILE NO. <u>2744-523</u>	PRICE <u>250-</u>	MTGE. <u> </u>
					STAMP <u> </u>
DISTRICT: <u>ROAD</u>		SCHOOL <u> </u>	WATER <u> </u>	FIRE <u> </u>	

ASSESSED VALUE LAND
LOT \$
UNIMPROVED ACRES \$
IMPROVED ACRES \$
OTHER LANDS \$
TIMBER \$
TOTAL ASSESSED VALUE 80% \$
DATE
REMARKS

ASSESSED VALUE		DECREASE OR INCREASE IN ASSESSED VALUATION				LAND	
YEAR	AC.	LAND	DATE	BY	REASON	DECREASE	INCREASE
1938		40			EXEMPT	CHECKED	1948
1949		40	2/9/49	le	CC. CO. 13401		
1949		80	5-48	NS			
19							
19							
19							
19							
19							
19							
19							

9/14/48 (2)

LAND CLASSIFICATION AND SEGREGATION

THIS SQUARE INDICATES _____ ACRES

INDICATE BY AREAS, USE OF LAND BY MARKS AND TYPE BY LETTERS

2c 50'

SECTION SE 29
TWP 24 N
RANGE 4 E

AERIAL PHOTO _____

QUARTER MAP _____

PLAT MAP _____

5353

LAND USE ACRES

111 CULTIVATED _____

PASTURE _____

00 TIMBER _____

XX STUMP _____

... GRAVEL OR _____

USELESS _____

V SWAMP _____

LAND TYPE ACRES

A SHOT CLAY _____

B BOG _____

C PEAT _____

D SILT _____

E _____ LOAM _____

F GRAVEL _____

G BOTTOM _____

H UPLANDS _____

K HILLY _____

Chicago St

100'	23-		
	25-		

IF USED AS 1/4 SECT. SCALE ONE INCH 400 FEET OR 160 ACRES OR 2640 FEET
IF USED AS 1/4 OF 1/4 " SCALE ONE INCH 200 FEET OR 40 ACRES OR 1320 FEET
IF USED AS 1/4-1/4-1/4 " SCALE ONE INCH 100 FEET OR 10 ACRES OR 360 FEET

Form No. _____ **Date** _____

Address of Property 803 Chicago

For Owner _____ **For Tenant** _____

Original Building Cost _____ **Original Tenant Occupied** _____ **Estimated Rental per Month** _____

Condition of Structure F **Foundation** 4 **Fire Insurance** Accept **Accept** X **Poor** _____

BUILDING	TILE WORK	ATTIC	PORCHES	EXTERIOR WALLS
<u>1</u> One Family Dwelling	<u>X</u> Floor-Wall Bath	Plaster	<u>2</u> One Story	Boards and Batten
<u>1</u> Two Family Dwelling	<u>1</u> Floor-Wall Lavatory	Board	<u>2</u> Two Story	Shiplap
<u>1</u> Store and Dwelling	<u>1</u> Floor-Wall	Ceiling	<u>1</u> Unroofed	Rustic
<u>1</u> No. of Stories	<u>1</u> Floor-Wall Shower	Stairway Open-Closed	<u>1</u> Brick and or Concrete	Fir Siding
<u>1</u> No. of Rooms	<u>1</u> Floor-Wall Kitchen	Useful	<u>1</u> Cement Floor	Cedar Siding
<u>1</u> Basement	<u>1</u> Kitchen Drain Board	<u>X</u> None	<u>1</u> Recessed	Shingles
<u>1</u> First Floor	<u>1</u> None	Unfinished	<u>1</u> Glassed	Shakes
<u>1</u> Second Floor	<u>1</u> Unfinished		<u>1</u> Enclosed	Stucco on Lath
<u>1</u> Third Floor				Brick Veneer
<u>1</u> Attic				Kind

CLASS 1-2-3-4-5-7 NO. GOOD **MEDIUM** **CHEAP** X

Date Built 1945 **Effective Age** 30 **Years** **Future Life** 30 **Years** **Remodeled** 1945

Dep. for Cost 30 **Dep. for O. B.** _____ **Dep. for E. S.** _____ **Total** _____

INTERIOR WALLS

1 Plaster 1 Lath and Plaster 1 Ceilings 1 Painted 1 Papered 1 Unfinished Walls

FLOORS

1 Hardwood 1 Parquet 1 Shiplap 1 Unfinished 1 Linoleum

FIREPLACE 1 Brick 1 Tile Face 1 Concrete 1 Cobblestone 1 None 1 Unfinished

CONSTRUCTION

1 Single 1 Double 1 Solid 1 Very Cheap 1 Cheap 1 Medium 1 Good 1 Special

CEILING HEIGHT

Basement 6 ft. in. 1st Floor 7 ft. 6 in. 2nd Floor 8 ft. in. 3rd Floor 8 ft. in. Attic 7 ft. in.

BASEMENT

1 Full 1 Partial 1 None 1 Unfinished

EXTRA FEATURES

1 Hot Air Furnace 1 Hot Water 1 Steam 1 Gas 1 Vapor 1 Air Cond. Fan 1 Stoker 1 Oil Burner 1 Air Cond. Complete

FOUNDATION

1 Concrete 1 Brick 1 Wood Post Concrete Block 1 Earth

ROOMS

1 Single 1 Composite 1 Tile or Slate 1 Par and Gravel 1 Tar Paper

FLOOR CONSTRUCTION

1 1st Floor Joists 2 x 6 1 Bridged 1 Post Size 6 x 6 1 Beam Size 6 x 6

Other	Area	Shape	Size	Dimensions	S. F. Area	Factor	Value	% Dep.	Deprec.	Net Value
1	12 x 12	1	12 x 12	144	1	144	100	0	0	144
2	10 x 12	1	10 x 12	120	1	120	100	0	0	120

LAND CLASSIFICATION AND SEGREGATION

THIS SQUARE INDICATES _____ ACRES

INDICATE BY AREAS, USE OF LAND BY MARKS AND TYPE BY LETTERS

SECTION SE. 29
TWP 24 N
RANGE 4 E

Chicago

Se 50-

AERIAL PHOTO
QUARTER MAP
PLAT MAP

5353

LAND USE ACRES
111 CULTIVATED _____
PASTURE _____
OO TIMBER _____
XX STUMP _____
... GRAVEL OR _____
USELESS _____
V SWAMP _____

LAND TYPE ACRES
A SHOT CLAY _____
B BOG _____
C PEAT _____
D SILT _____
E _____ LOAM _____
F GRAVEL _____
G BOTTOM _____
H UPLANDS _____
K HILLY _____

75.4			

TAX LOT NO. _____
PARCEL NO. _____

IF USED AS 1/4 SECT. SCALE ONE INCH 400 FEET OR 160 ACRES OR 2640 FEET
IF USED AS 1/2 OF 1/4 " SCALE ONE INCH 200 FEET OR 40 ACRES OR 1320 FEET
IF USED AS 1/4-1/4-1/4 " SCALE ONE INCH 100 FEET OR 10 ACRES OR 660 FEET

1. DISTRICT 22. ADDITION River Park Add.

2500 2575 374

SECTION TWP N. RANGE EWM. BLOCK 24 TRACT OR LOT NO. 27 & 28

DESCRIPTION

73279

3. ADDRESS OF PROPERTY

CONTRACT PURCHASER COUNTY CONT.

4. FEE OWNER

KING Co Tax DEED No 11950 8-2-37

LAND INFORMATION

1. SIZE OF TRACT OR LOT X TOPOGRAPHY sloping GRADE below 2' FT. 2. STREET-ROAD graded SURFACE concreteALLEY none 3. SIDEWALK concrete SEWAGE sewer WATER city PUMP DRAINAGE 4. LANDSCAPING natural CONDITION 5. TREND static VALUE OF LOT \$ FRONT STREETFACTOR \$ SIDE STREET FACTOR \$ DEPTH FACTOR \$ CREDIT 6. USE residential7. DISTRICT poor-old

ASSESSED VALUE LAND

LOT	\$
UNIMPROVED ACRES	\$
IMPROVED ACRES	\$
OTHER LANDS	\$
TIMBER	\$
TOTAL ASSESSED VALUE 50%	\$
DATE	

REMARKS

LAND USE	SOIL TYPE	CROPS-TIMBER STAND	NO. ACRES	VALUE ACRE	VALUE
				\$	\$
				\$	\$
				\$	\$
				\$	\$
				\$	\$
TOTAL				\$	\$
LAND SIZE <u>1/2</u> x <u>26300</u>					
OWNER OR CONTRACT PURCHASER <u>Colt Sanford</u> DATE <u>7/7/46</u> FILE NO. <u></u> PRICE <u>300-</u> MTGE. <u></u> STAMP <u></u>					
DISTRICT: <u>ROAD</u> SCHOOL <u></u> WATER <u></u> FIRE <u></u>					

ASSESSED VALUE		DECREASE OR INCREASE IN ASSESSED VALUATION			LAND	
YEAR	AC.	LAND	DATE	BY	REASON	DECREASE INCREASE
1938		70			EXEMPT	
19						
19						
1948		70	6/20/46		COUNTY CONT 10524	
1949		130	5-48	AS	Assess 1948 Roll	
1950		260	6-54	EB	merge	
19						
19						
19						
19						
19						

LAND CLASSIFICATION AND SEGREGATION

THIS SQUARE INDICATES _____ ACRES

INDICATE BY AREAS, USE OF LAND BY MARKS AND TYPE BY LETTERS

SECTION E. 29
TWP. 24 N
RANGE 4

TAX LOT NO. _____
PARCEL NO. _____



Se 50

AERIAL PHOTO _____
QUARTER MAP _____
PLAT MAP _____

535B

LAND USE ACRES
111 CULTIVATED _____
PASTURE _____
00 TIMBER _____
XX STUMP _____
... GRAVEL OR _____
USELESS _____
V SWAMP _____

LAND TYPE ACRES
A SHOT CLAY _____
B BOG _____
C PEAT _____
D SILT _____
E _____ LOAM _____
F GRAVEL _____
G BOTTOM _____
H UPLANDS _____
K HILLY _____

IF USED AS 1/4 SECT. SCALE ONE INCH 400 FEET OR 160 ACRES OR 2640 FEET
IF USED AS 1/4 OF 1/4 " SCALE ONE INCH 200 FEET OR 40 ACRES OR 1320 FEET
IF USED AS 1/4-1/4 " SCALE ONE INCH 100 FEET OR 10 ACRES OR 660 FEET

Folio

3655

3 Addition *River Park Prentice Res.*Section *32* Twp. *24* Range *4* E.W.M. Block *125* or Lot No.Permit No.
421276Description
*150' Junior Prentice*Date
4-53

7900 - 8th St.

3 Address of Property

4 Fee Owner

5 Architect

6 Original Building Cost \$

Owner-Tenant Occupied

Rental per Month \$

Estimated Rental per Month \$

7 Condition of Exterior

*XM*Interior *M*

Foundation

4

Floor Plan Good

Accept

Poor

BUILDING

1 One Family Dwelling
2 Two Family Dwelling
3 No. of Stories
4 No. of Rooms
5 Basement
6 First Floor
7 Second Floor
8 Third Floor
9 Attic

TILE LINO

1 Floor-Wall Bath
2 Floor-Wall Lavatory
3 Floor-Wall
4 Floor-Wall
5 Floor-Wall Shower
6 Floor-Wall Kitchen
7 Kitchen Drain Board
8 None
9 Unfinished

ATTIC

1 Stairway
2 Opened Closed
3 Finished
4 Unfinished
5 Vinyl
6 No. Width
7 Downers

PORCHES

1 One Story
2 Two Story
3 Unroofed
4 Brick and or Concrete
5 Cement Floor
6 Recessed
7 Glassed
8 Enclosed

EXTERIOR WALLS

1 Boards and Batten
2 Shingles
3 Rustic
4 Cedar Siding
5 Shingles
6 Shakes *75%*
7 Stucco on
8 Brick Veneer
9 Kind
10 Composition
11 Stone
12 Concrete Block

INTERIOR WALLS

1 Plaster
2 Plaster Board
3 Gypsum
4 Plywood
5 Ceilings
6 Open Ends
7 Painted
8 Stucco
9 Papered
10 Unfinished Walls

Date first occupied, Month *11* - *1* *1963*Date Built, *1963*Date Finished, *1963*Rebuilt, *1963*Reproduced, *1963*Dep. for Cond. *8* YearsDep. for O.B. *8* YearsDep. for *8* YearsTotal *8%*

BUILT-INS

1 Kitchen
2 *FAIR*

CONSTRUCTION

1 Single
2 Double
3 Solid
4 Very Cheap
5 Cheap
6 Medium
7 Good
8 Special

CEILING HEIGHT

1 Basement *1150*
2 1st Floor *8* ft. *6* in. *200*
3 2nd Floor *8* ft. *6* in.
4 3rd Floor *8* ft. *6* in. *950*
5 Attic *Low* *High*

FLOORS

1 Hardwood
2 *75%*
3 *1*
4 *1*
5 *1*
6 *1*
7 *1*
8 *1*
9 *1*
10 *1*

FIREPLACE

1 Stone
2 Brick
3 Tile Face
4 Cast Iron
5 Unfinished

INTERIOR TRIM

1 Hardwood
2 Mahogany
3 *4*
4 *1*
5 Unfinished

PLUMBING

1 No. of Fixtures
2 *1*
3 *1*
4 *1*
5 *1*
6 *1*
7 *1*
8 *1*
9 *1*
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95 *1*
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98 *1*
99 *1*
100 *1*

BASEMENT

1 Full
2 Part
3 To first floor joint
4 Frame and Concrete
5 ft. ft.
6 Cement Blocks
7 Floor
8 Recreation Room
9 Living Rooms
10 Service Rooms
11 Garage
12 Drain
13 Unfinished

FOUNDATION

1 Concrete *6* Thick
2 Cement Blocks
3 Stone or Brick
4 Wood Post Concrete Block

ROOF

1 Shingle
2 Shake
3 Composition
4 Tile or Slate
5 Tar and Gravel
6 Tar Paper

HEATING

1 Stove
2 Pipeless Furnace
3 Floor Furnace
4 Hot Air Furnace
5 Fan
6 Gas
7 Stoker
8 Fuel Oil Burner
9 Pressure Oil Burner
10 Oil Burning Unit
11 Air Cond. Comp.
12 Radiant
13 Hot Water
14 Electric

EXTRA FEATURES

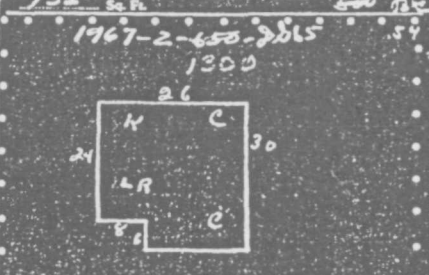
1 Cathedral Ceiling
2 Insulated

FLOOR CONSTRUCTION

1 1st Floor Joists *2 x 8*
2 Bridged
3 Post Size *6 x 6*
4 Beam Size *6 x 8*

GROUND FLOOR AREA

732 Sq. Ft. SCALE *1* = *1* FT.



Other Buildings	Construction	Floor	Roof	Sty.	Dimensions	S. F. Area	Factor	Value	% Dep.	Deprec.	Net Value
Garage	ATT	DRIP	CONG	Comp	1	18 x 20	360		\$150		\$
								\$		\$	\$
								\$		\$	\$
								\$		\$	\$

1967-2-650-2815
1300
732

تاریخ

2 Addition Beverly Park Primitive Res.

Section 32 Twp. 24 Range 4 EWM. Block Res Tract or Lot No. _____

Description: N 50' of W 100' of Section 1

N 50' of W 100'

Permit No. _____

73279 6860 ~~6836~~

ROAD.
Seattle 1

ROAD

SCHOOL

WATER

FIRE

SEWER

HOSPITAL

AIRPORT

FERRY

METRO

732790-6860

450

~~1450~~ 0010

[illegible]

LAND CLASSIFICATION AND SEGREGATION

THIS SQUARE INDICATES _____ ACRES

INDICATE BY AREAS, USE OF LAND BY MARKS AND TYPE BY LETTERS

00 = 1 "

SECTION N.E. 32
TWP 24 N
RANGE 4 E

Keyson St

100

100

844

AERIAL PHOTO _____
QUARTER MAP _____
PLAT MAP _____

5371

LAND USE	ACRES
111 CULTIVATED	_____
# PASTURE	_____
00 TIMBER	_____
XX STUMP	_____
... GRAVEL OR USELESS	_____
V SWAMP	_____

LAND TYPE	ACRES
A SHOT CLAY	_____
B BOG	_____
C PEAT	_____
D SILT	_____
E _____ LOAM	_____
F GRAVEL	_____
G BOTTOM	_____
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